

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017642.D
 Acq On : 12 Mar 2024 15:57
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL04

Quant Time: Mar 13 09:07:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	136227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	64798	50.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.710	113	72471	44.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.040%	
50) Toluene-d8	10.179	98	262719	45.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.300%	
62) 4-Bromofluorobenzene	12.483	95	77085	42.617	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	1951	1.942	ug/l	94
3) Chloromethane	2.107	50	4425	2.410	ug/l	96
4) Vinyl Chloride	2.247	62	5782	2.455	ug/l	95
5) Bromomethane	2.650	94	5507	2.869	ug/l	94
6) Chloroethane	2.790	64	3785	2.547	ug/l #	88
7) Trichlorofluoromethane	3.119	101	5000	2.083	ug/l	96
8) Diethyl Ether	3.521	74	1347	1.913	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	3016	2.184	ug/l	97
10) Methyl Iodide	4.082	142	2725	1.758	ug/l	97
11) Tert butyl alcohol	4.942	59	942	8.590	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	2734	2.125	ug/l #	85
13) Acrolein	3.717	56	1399	9.668	ug/l	93
14) Allyl chloride	4.479	41	3133	2.015	ug/l	96
15) Acrylonitrile	5.167	53	3193	11.031	ug/l #	18
16) Acetone	3.942	43	3983	15.906	ug/l	99
17) Carbon Disulfide	4.192	76	7082	1.833	ug/l #	92
18) Methyl Acetate	4.466	43	2241	3.689	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	5725	1.909	ug/l #	87
20) Methylene Chloride	4.704	84	10368	1.762	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	3088	2.049	ug/l #	81
22) Diisopropyl ether	6.112	45	6820	1.901	ug/l	94
23) Vinyl Acetate	6.051	43	16472	7.704	ug/l	94
24) 1,1-Dichloroethane	6.009	63	5906	2.409	ug/l	98
25) 2-Butanone	6.978	43	4147	11.620	ug/l	93
26) 2,2-Dichloropropane	6.966	77	4652	2.257	ug/l #	51
27) cis-1,2-Dichloroethene	6.984	96	3555	2.101	ug/l	99
28) Bromochloromethane	7.338	49	2027	2.100	ug/l #	99
29) Tetrahydrofuran	7.356	42	2084	9.687	ug/l	98
30) Chloroform	7.502	83	5922	2.269	ug/l	88
31) Cyclohexane	7.783	56	6117	2.911	ug/l #	48
32) 1,1,1-Trichloroethane	7.698	97	4884	2.155	ug/l	94
36) 1,1-Dichloropropene	7.911	75	4074	1.834	ug/l	96
37) Ethyl Acetate	7.070	43	1853	2.112	ug/l #	87
38) Carbon Tetrachloride	7.905	117	4209	1.891	ug/l	92
39) Methylcyclohexane	9.179	83	4523	1.695	ug/l	91
40) Benzene	8.161	78	12778	1.937	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	743	1.688	ug/l #	81
42) 1,2-Dichloroethane	8.228	62	3503	2.177	ug/l	99
43) Isopropyl Acetate	8.271	43	2850	1.849	ug/l #	77
44) Trichloroethene	8.941	130	3535	1.859	ug/l	94
45) 1,2-Dichloropropane	9.216	63	3059	1.949	ug/l	94
46) Dibromomethane	9.307	93	1807	2.012	ug/l	94
47) Bromodichloromethane	9.496	83	4471	2.050	ug/l	100
48) Methyl methacrylate	9.295	41	1442	2.021	ug/l	96
49) 1,4-Dioxane	9.301	88	329	32.370	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	7621	8.871	ug/l	92
52) Toluene	10.246	92	8228	1.979	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	3936	1.945	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	4464	1.815	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	2577	2.021	ug/l	95
56) Ethyl methacrylate	10.514	69	1841	3.651	ug/l	98
57) 1,3-Dichloropropane	10.788	76	4016	1.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	5838	7.934	ug/l	99
59) 2-Hexanone	10.837	43	5468	9.266	ug/l	92
60) Dibromochloromethane	10.984	129	2910	1.929	ug/l	98
61) 1,2-Dibromoethane	11.093	107	2214	1.884	ug/l	92
64) Tetrachloroethene	10.721	164	3836	1.971	ug/l	92
65) Chlorobenzene	11.514	112	8869	2.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	3185	1.975	ug/l	98
67) Ethyl Benzene	11.593	91	13084	1.733	ug/l	92
68) m/p-Xylenes	11.709	106	9562	3.224	ug/l	97
69) o-Xylene	12.032	106	4516	1.641	ug/l	94
70) Styrene	12.044	104	5981	1.309	ug/l	98
71) Bromoform	12.215	173	1626	1.820	ug/l #	99
73) Isopropylbenzene	12.331	105	11241	1.712	ug/l	99
74) N-amyl acetate	12.142	43	2130	1.839	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	2487	2.206	ug/l	94
76) 1,2,3-Trichloropropane	12.636	75	3336	3.973	ug/l #	100
77) Bromobenzene	12.611	156	3206	2.016	ug/l	93
78) n-propylbenzene	12.672	91	14956	1.899	ug/l	100
79) 2-Chlorotoluene	12.758	91	8409	1.907	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	9083	1.727	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39358	107.707	ug/l #	16
82) 4-Chlorotoluene	12.861	91	8466	1.877	ug/l	96
83) tert-Butylbenzene	13.075	119	8316	1.800	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	8520	1.641	ug/l	98
85) sec-Butylbenzene	13.258	105	11083	1.569	ug/l	98
86) p-Isopropyltoluene	13.373	119	8783	1.519	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	6130	1.921	ug/l	99
88) 1,4-Dichlorobenzene	13.367	146	6130	1.976	ug/l	98
89) n-Butylbenzene	13.696	91	9152	1.735	ug/l	95
90) Hexachloroethane	13.959	117	2449	2.113	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	5650	2.093	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.361	75	369	2.328	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	2466	1.730	ug/l	99
94) Hexachlorobutadiene	15.117	225	1741	1.978	ug/l	95
95) Naphthalene	15.239	128	3569	5.105	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	2106	1.722	ug/l	96

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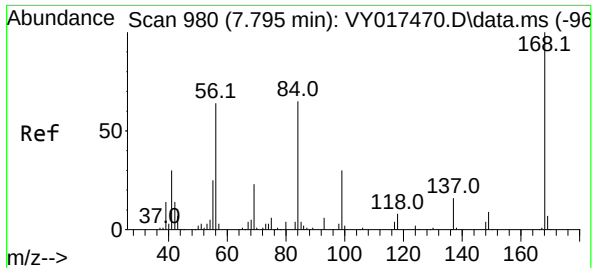
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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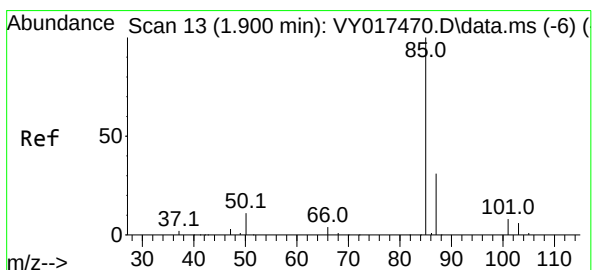
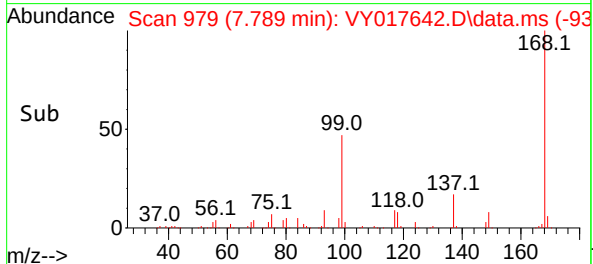
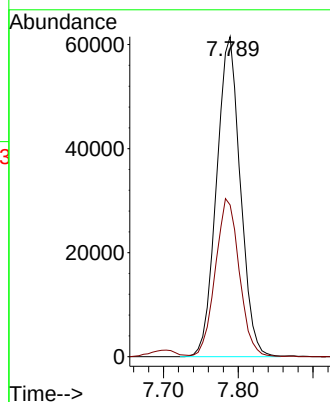
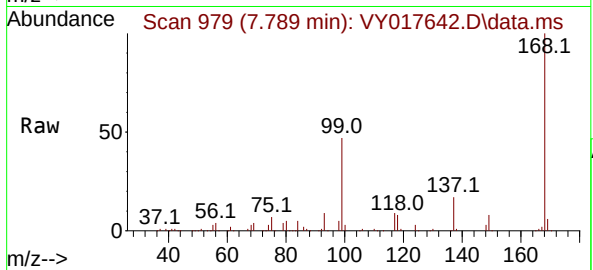




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017642.D
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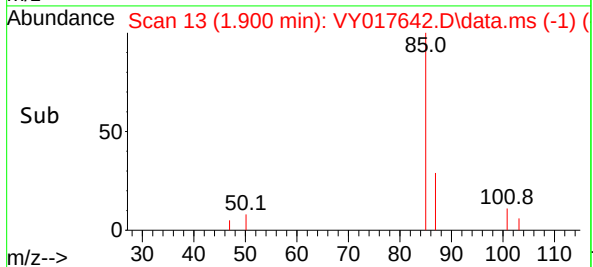
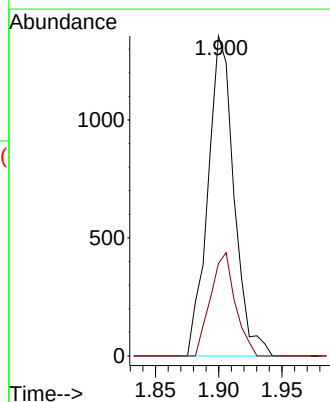
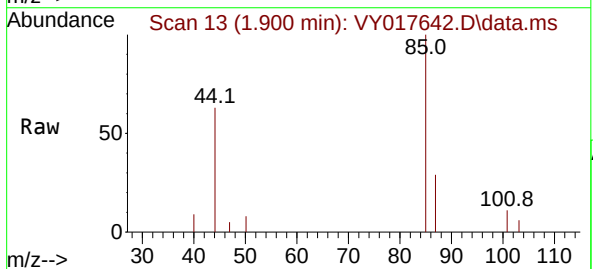
Instrument :
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MDL04

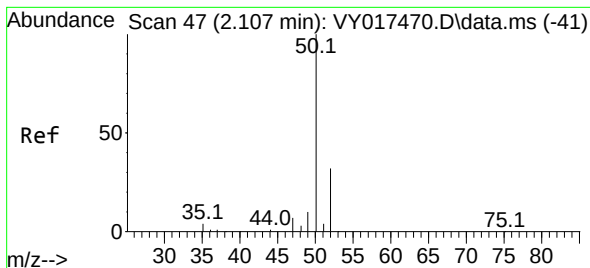
Tgt Ion:168 Resp: 136227
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 1.942 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 85 Resp: 1951
Ion Ratio Lower Upper
85 100
87 28.9 16.0 48.0





#3

Chloromethane

Concen: 2.410 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

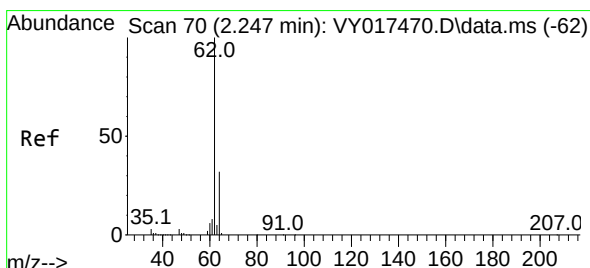
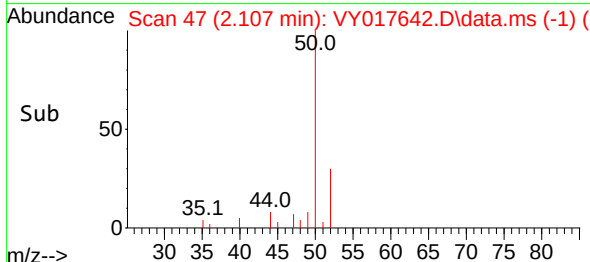
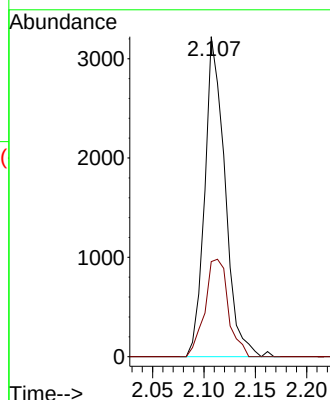
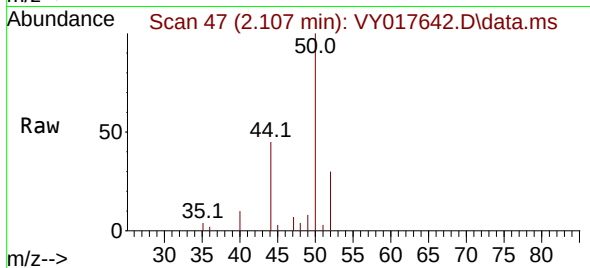
MDL04

Tgt Ion: 50 Resp: 4425

Ion Ratio Lower Upper

50 100

52 29.7 25.6 38.4



#4

Vinyl Chloride

Concen: 2.455 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017642.D

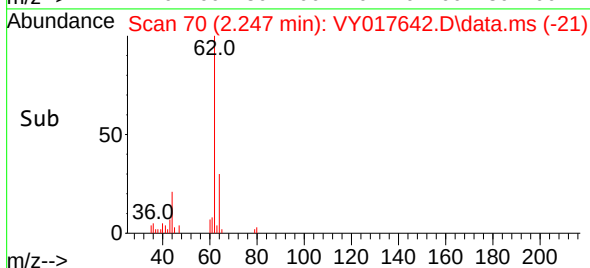
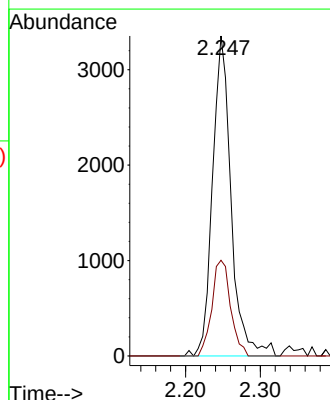
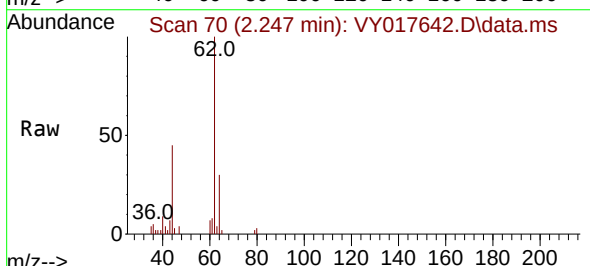
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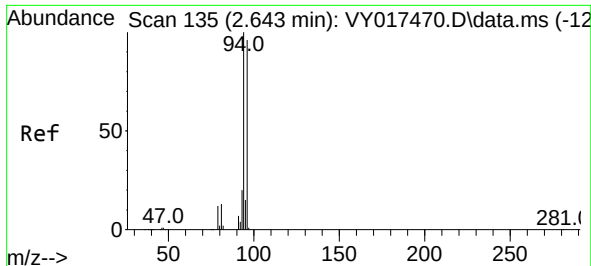
Tgt Ion: 62 Resp: 5782

Ion Ratio Lower Upper

62 100

64 29.9 26.1 39.1

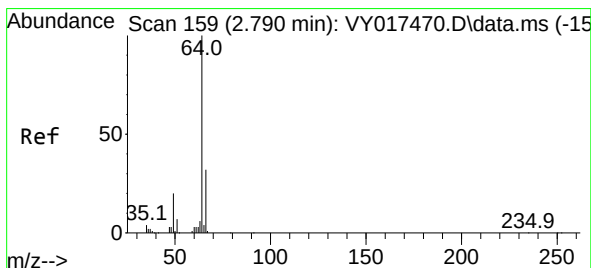
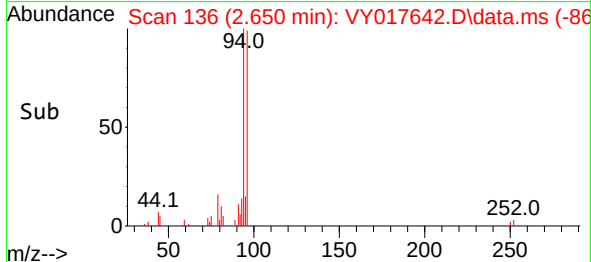
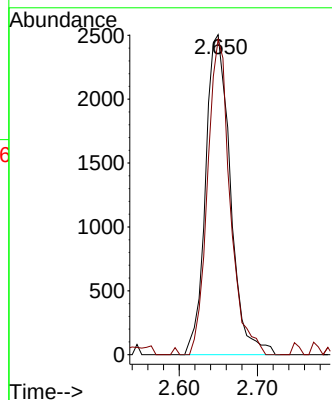
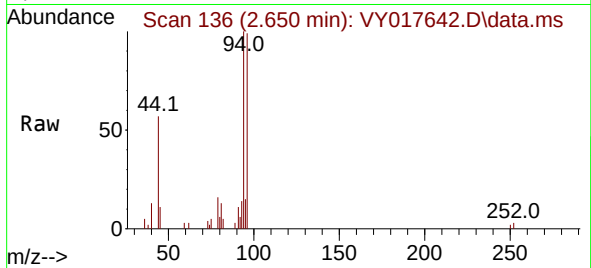




#5
Bromomethane
Concen: 2.869 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

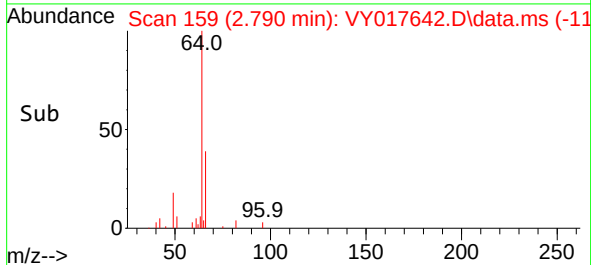
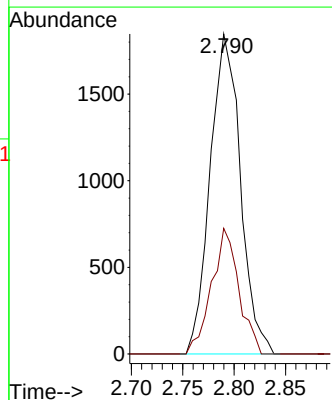
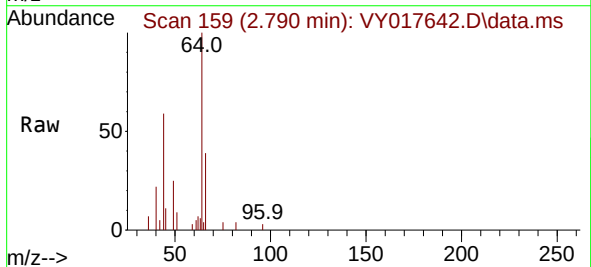
Instrument :
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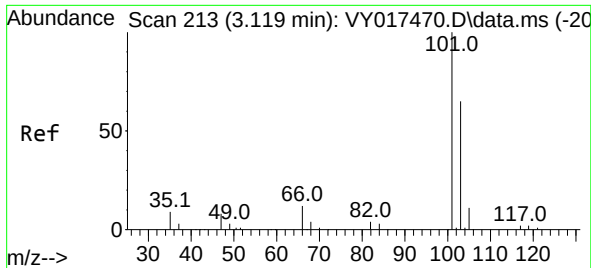
Tgt Ion: 94 Resp: 5507
Ion Ratio Lower Upper
94 100
96 98.6 74.1 111.1



#6
Chloroethane
Concen: 2.547 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 64 Resp: 3785
Ion Ratio Lower Upper
64 100
66 39.3 26.1 39.1#

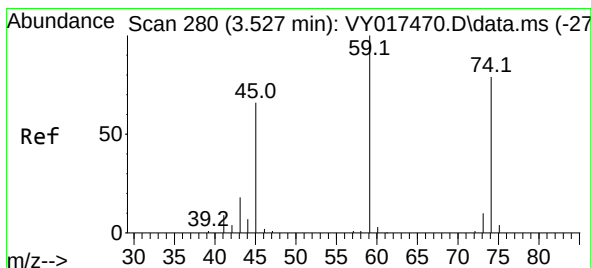
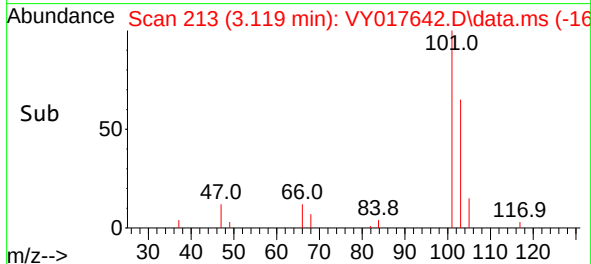
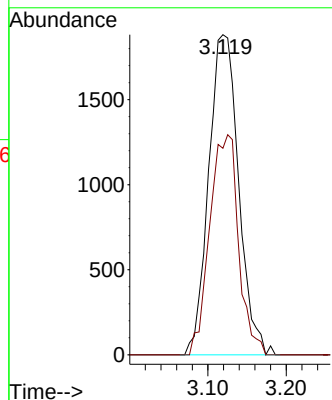
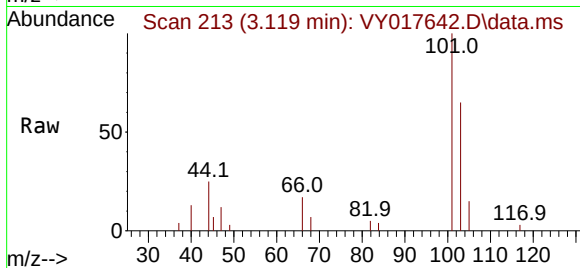




#7
 Trichlorofluoromethane
 Concen: 2.083 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017642.D
 Acq: 12 Mar 2024 15:57

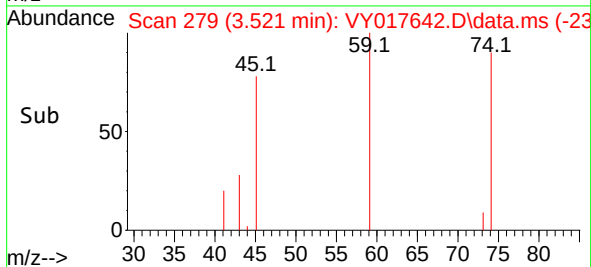
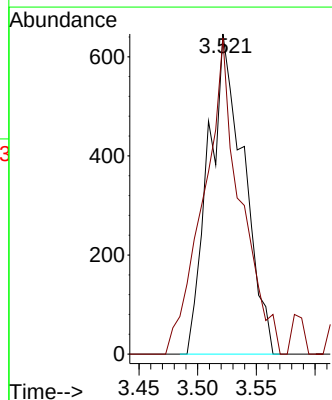
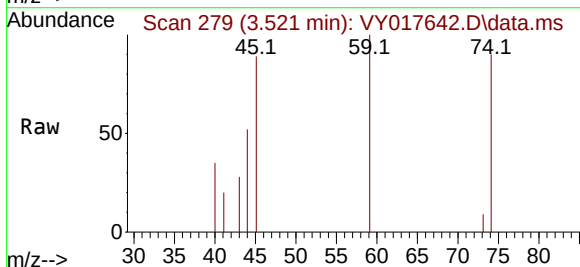
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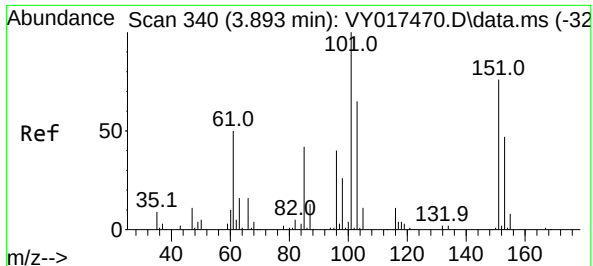
Tgt Ion:101 Resp: 5000
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 1.913 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY017642.D
 Acq: 12 Mar 2024 15:57

Tgt Ion: 74 Resp: 1347
 Ion Ratio Lower Upper
 74 100
 45 103.0 41.3 124.1

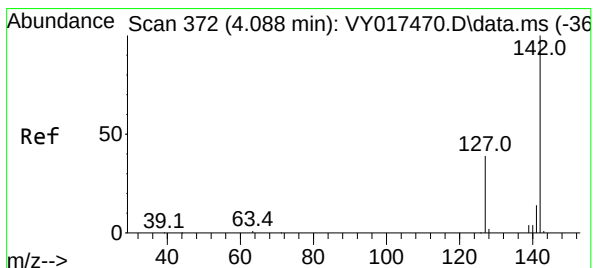
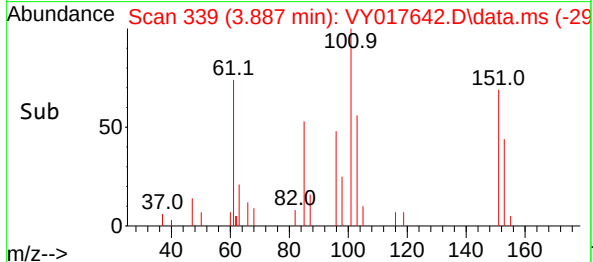
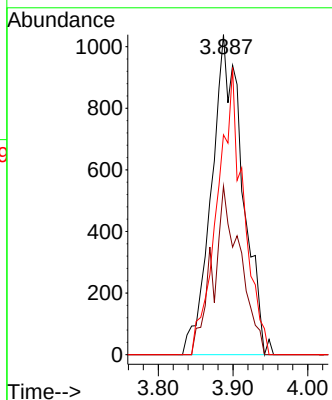
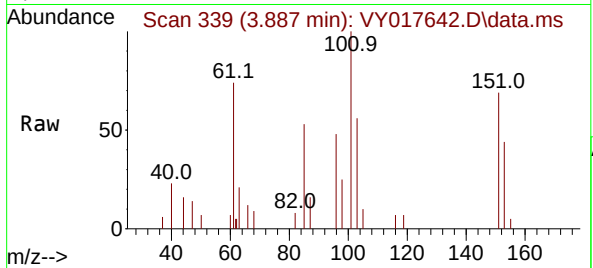




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.184 ug/l
 RT: 3.887 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VY017642.D
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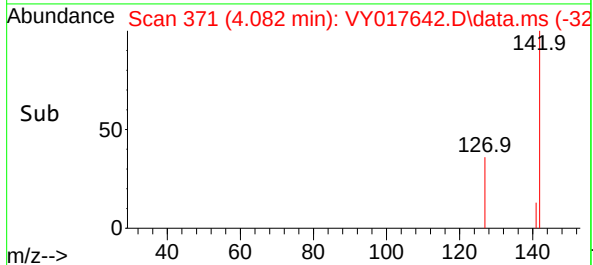
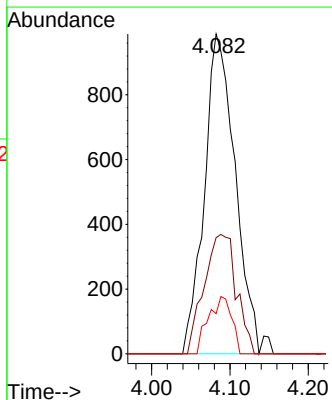
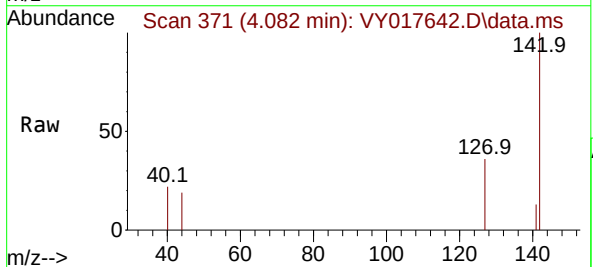
Instrument :
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 ClientSampleId :
 MDL04

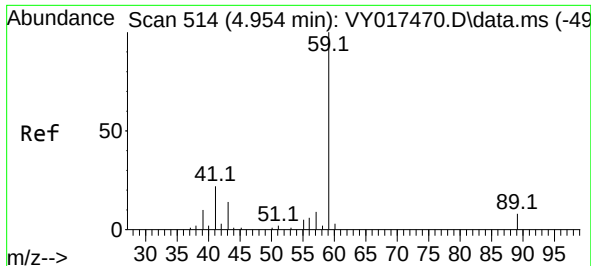
Tgt Ion:	101	Resp:	3016
Ion	Ratio	Lower	Upper
101	100		
85	46.1	34.5	51.7
151	75.6	61.7	92.5



#10
 Methyl Iodide
 Concen: 1.758 ug/l
 RT: 4.082 min Scan# 371
 Delta R.T. -0.006 min
 Lab File: VY017642.D
 Acq: 12 Mar 2024 15:57

Tgt Ion:	142	Resp:	2725
Ion	Ratio	Lower	Upper
142	100		
127	38.8	32.8	49.2
141	13.3	11.4	17.2

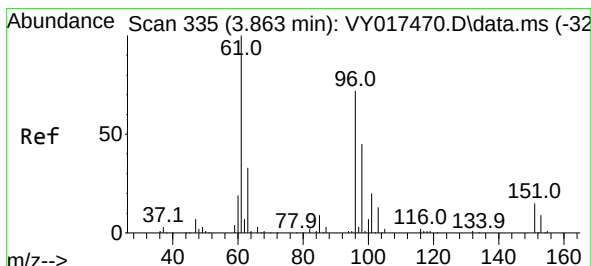
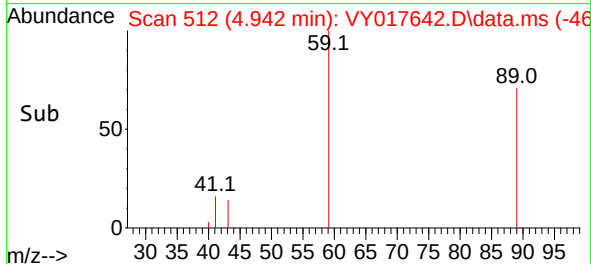
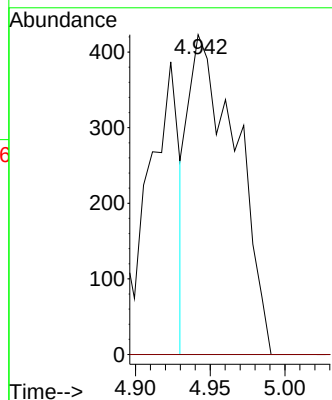
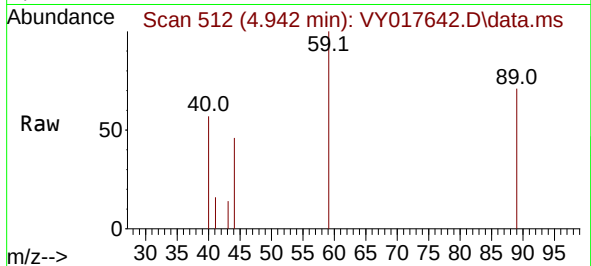




#11
Tert butyl alcohol
Concen: 8.590 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

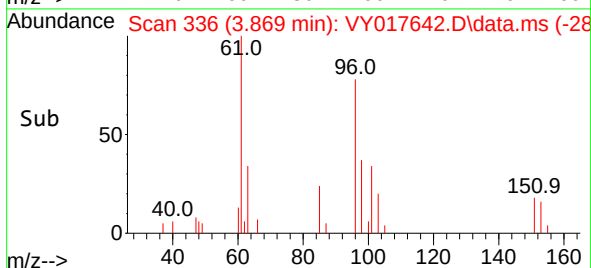
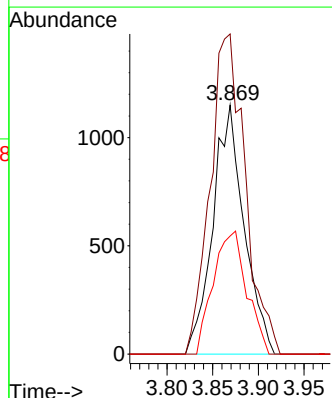
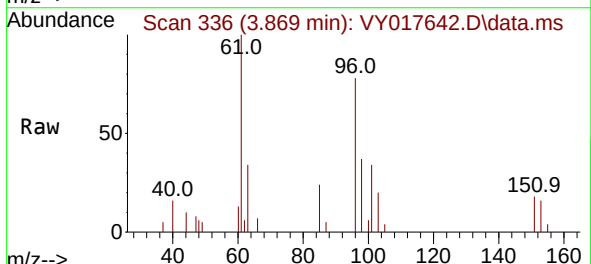
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

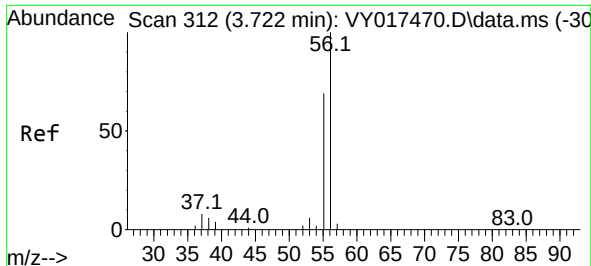
Tgt Ion: 59 Resp: 942
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.125 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 96 Resp: 2734
Ion Ratio Lower Upper
96 100
61 128.6 114.6 171.8
98 47.4 50.8 76.2#





#13

Acrolein

Concen: 9.668 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

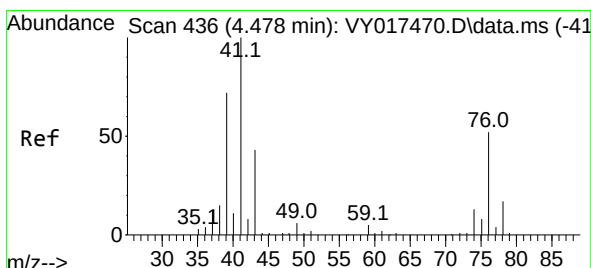
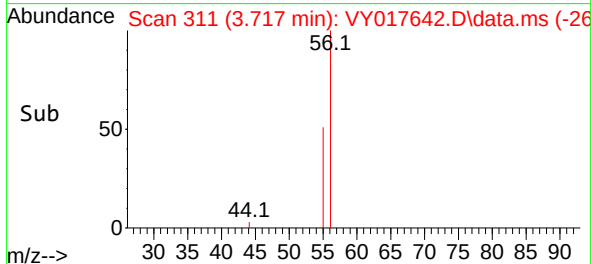
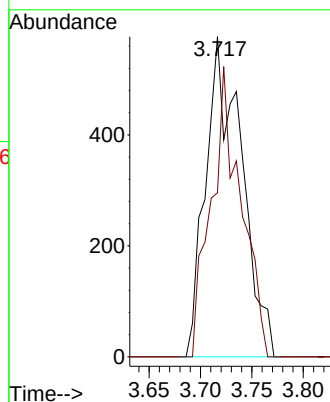
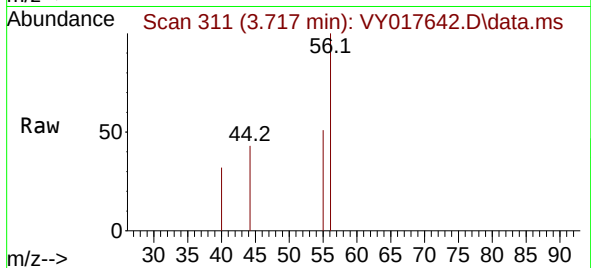
MDL04

Tgt Ion: 56 Resp: 1399

Ion Ratio Lower Upper

56 100

55 75.4 55.7 83.5



#14

Allyl chloride

Concen: 2.015 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

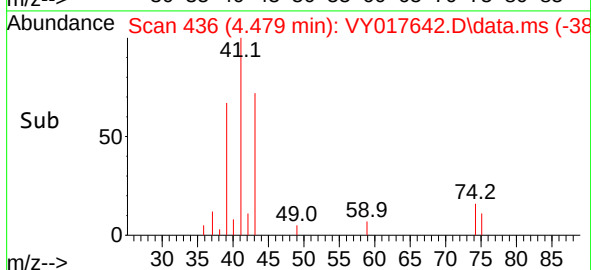
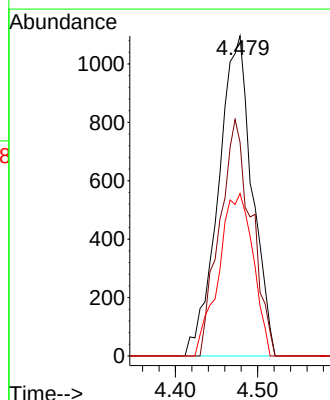
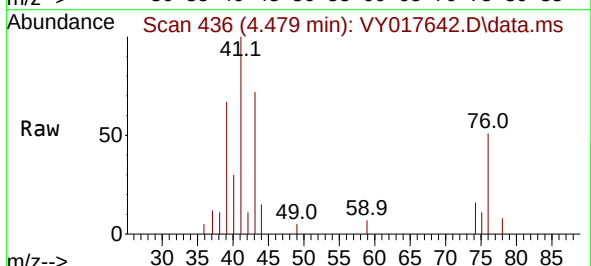
Tgt Ion: 41 Resp: 3133

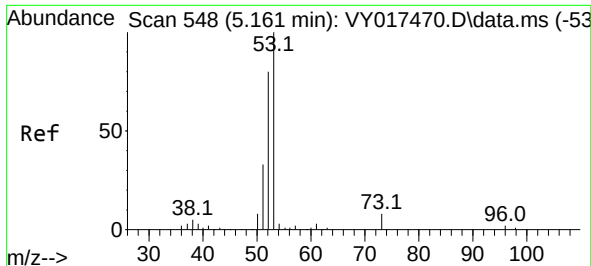
Ion Ratio Lower Upper

41 100

39 69.5 58.3 87.5

76 51.6 39.0 58.6

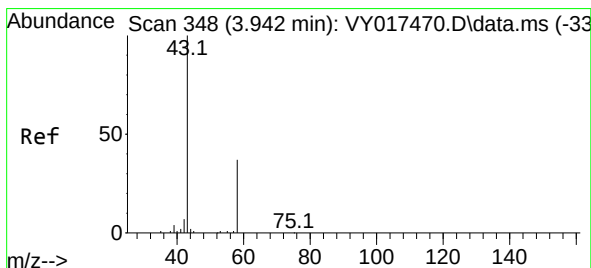
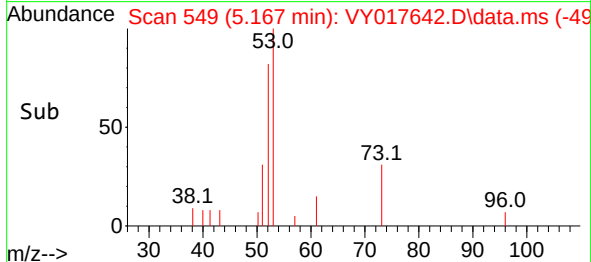
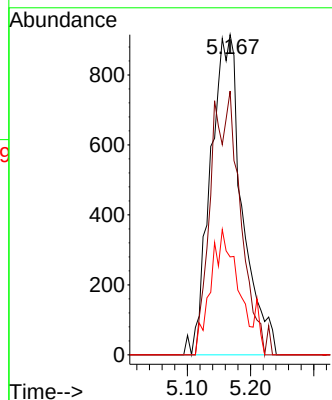
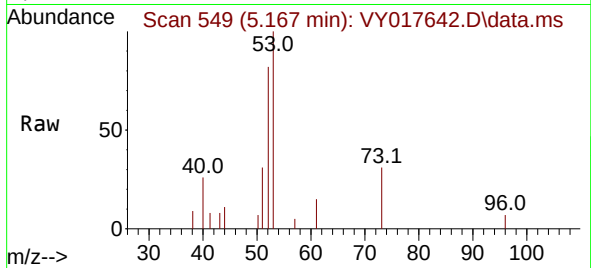




#15
Acrylonitrile
Concen: 11.031 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

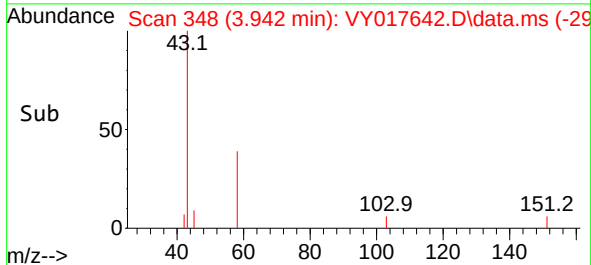
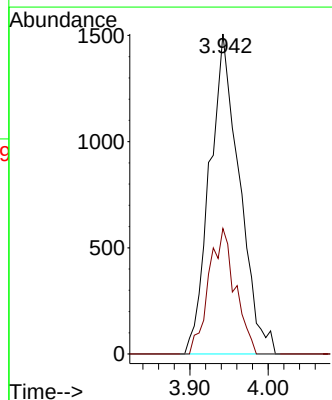
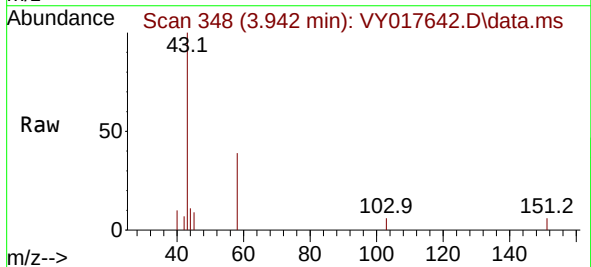
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

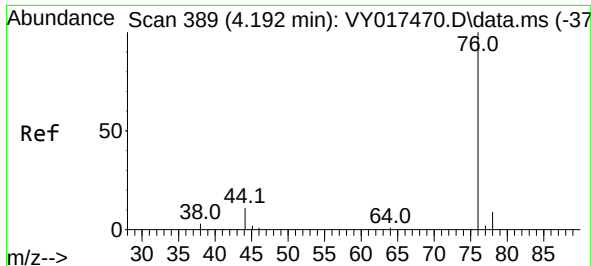
Tgt Ion	Ratio	Lower	Upper
53	100		
52	0.0	64.7	97.1#
51	0.0	28.4	42.6#



#16
Acetone
Concen: 15.906 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.7	47.5





#17

Carbon Disulfide

Concen: 1.833 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

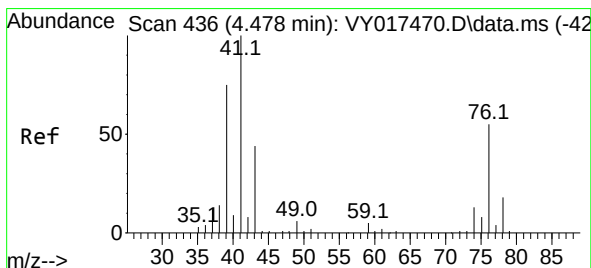
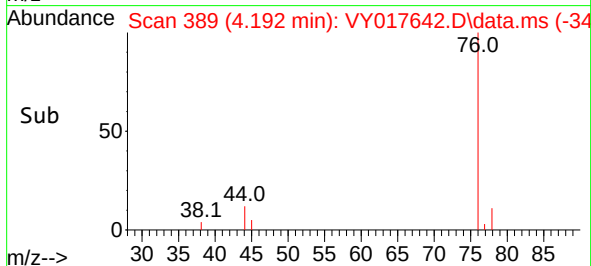
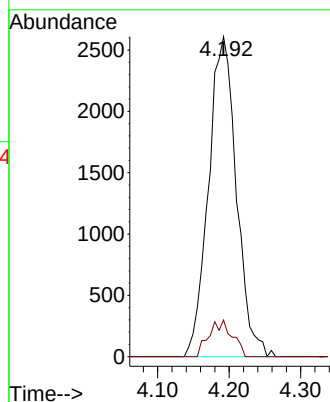
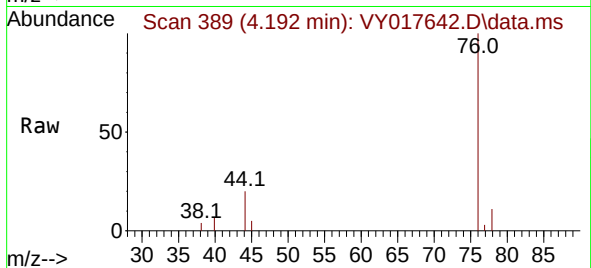
MDL04

Tgt Ion: 76 Resp: 7082

Ion Ratio Lower Upper

76 100

78 11.5 6.8 10.2#



#18

Methyl Acetate

Concen: 3.689 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY017642.D

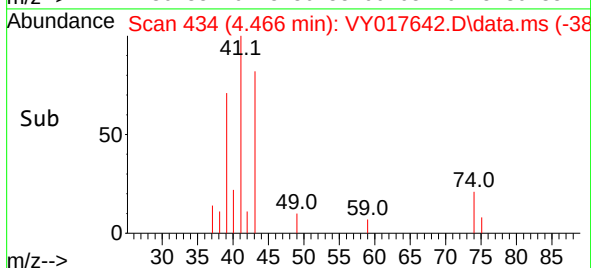
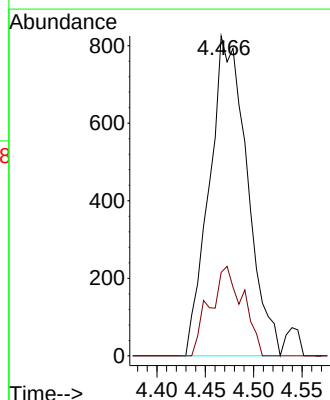
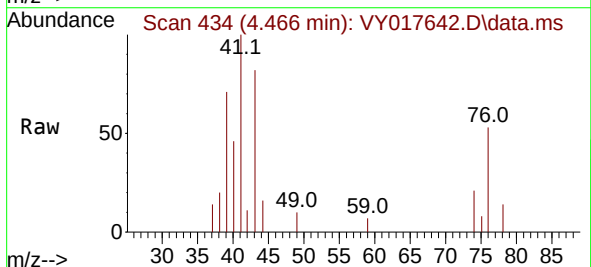
Acq: 12 Mar 2024 15:57

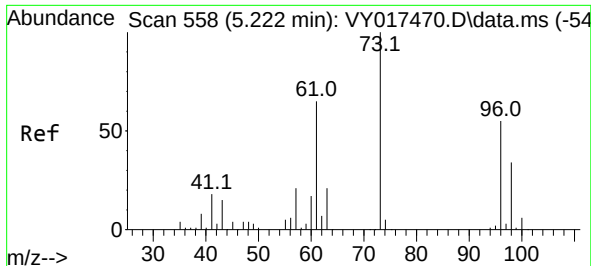
Tgt Ion: 43 Resp: 2241

Ion Ratio Lower Upper

43 100

74 24.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 1.909 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

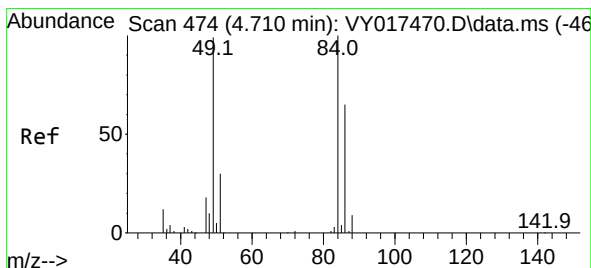
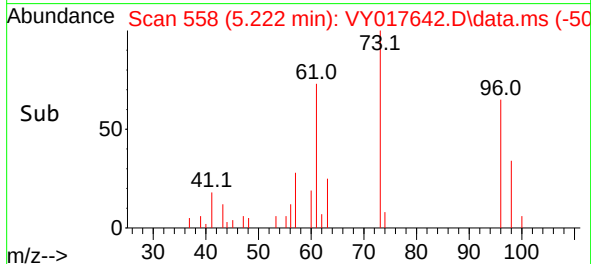
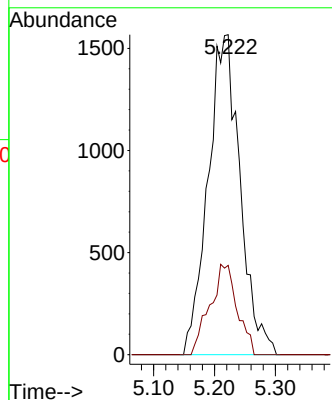
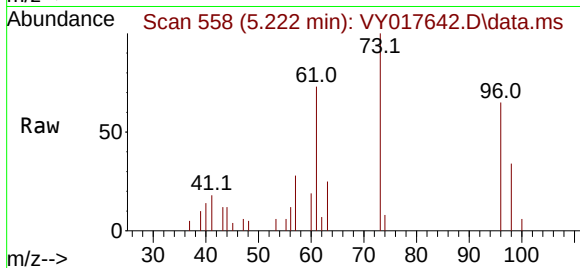
MDL04

Tgt Ion: 73 Resp: 5725

Ion Ratio Lower Upper

73 100

57 27.9 17.3 25.9#



#20

Methylene Chloride

Concen: 1.762 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Tgt Ion: 84 Resp: 10368

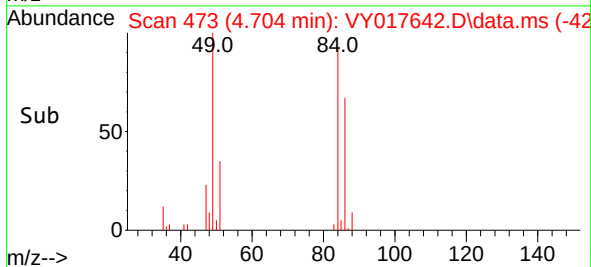
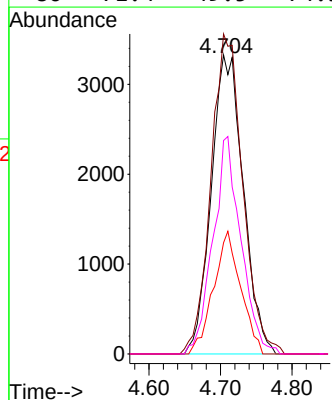
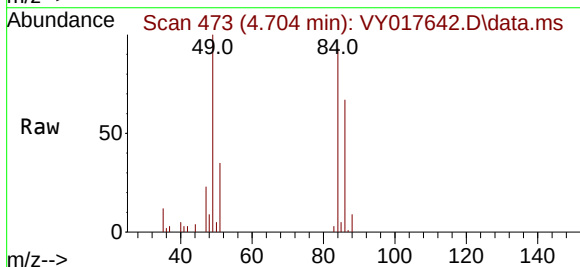
Ion Ratio Lower Upper

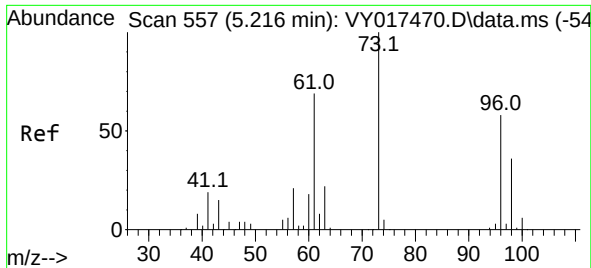
84 100

49 107.0 84.4 126.6

51 37.2 26.0 39.0

86 71.4 49.5 74.3

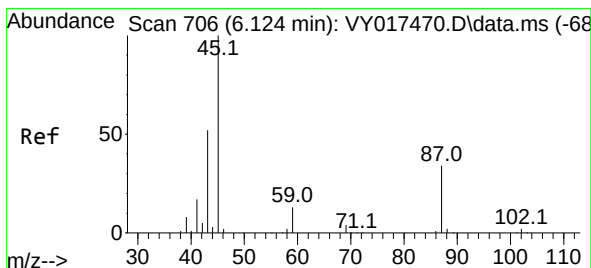
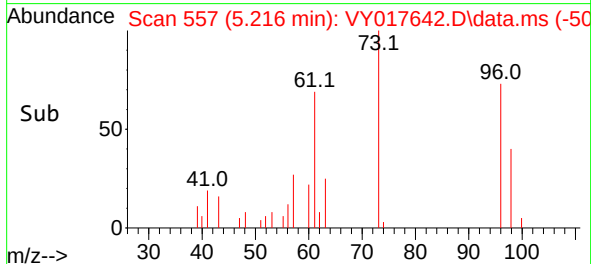
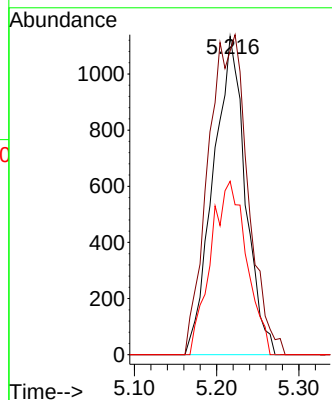
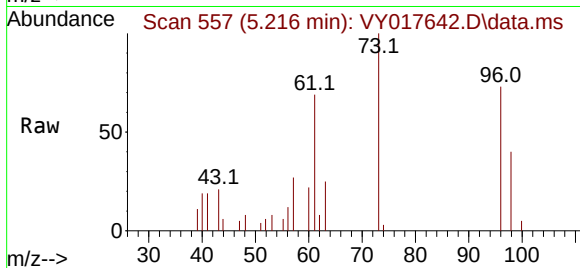




#21
trans-1,2-Dichloroethene
Concen: 2.049 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

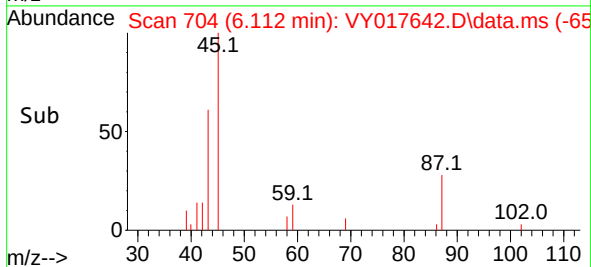
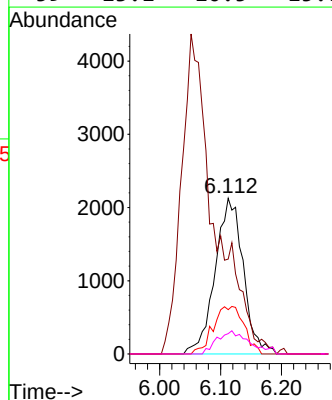
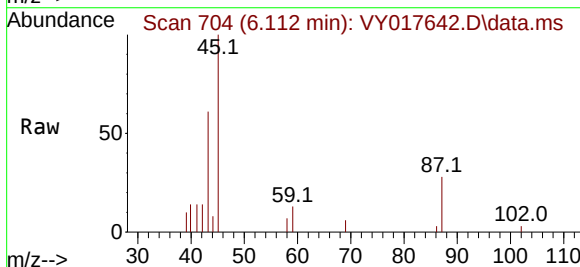
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

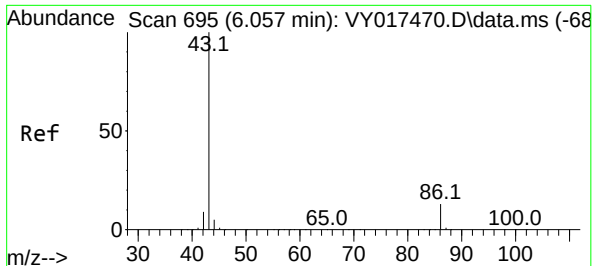
Tgt Ion: 96 Resp: 3088
Ion Ratio Lower Upper
96 100
61 95.4 97.5 146.3#
98 54.5 50.5 75.7



#22
Diisopropyl ether
Concen: 1.901 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 45 Resp: 6820
Ion Ratio Lower Upper
45 100
43 58.5 42.2 63.2
87 28.5 25.0 37.6
59 13.1 10.5 15.7

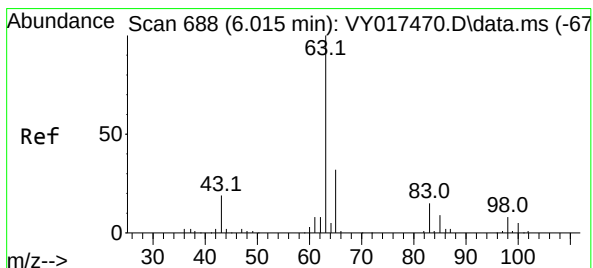
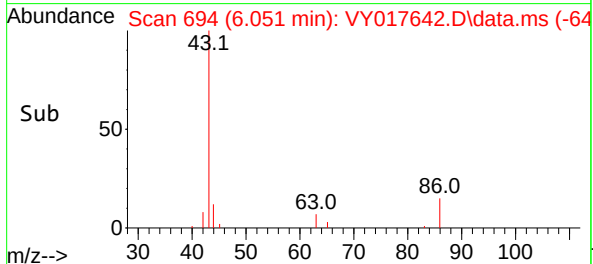
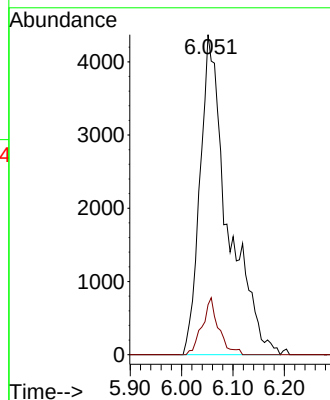
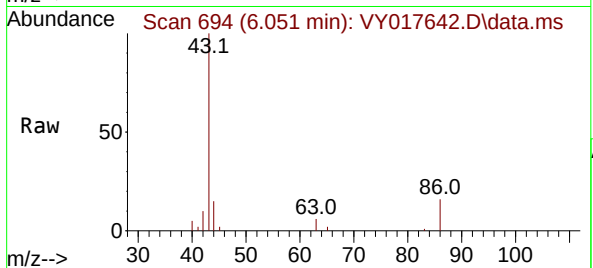




#23
 Vinyl Acetate
 Concen: 7.704 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY017642.D
 Acq: 12 Mar 2024 15:57

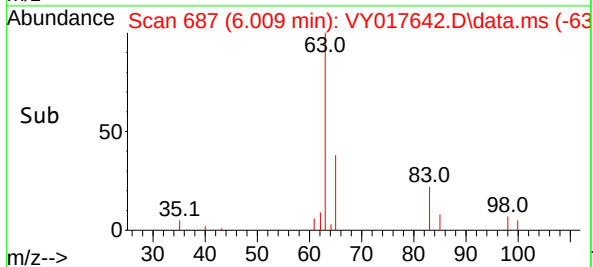
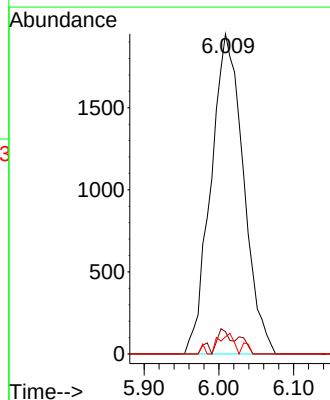
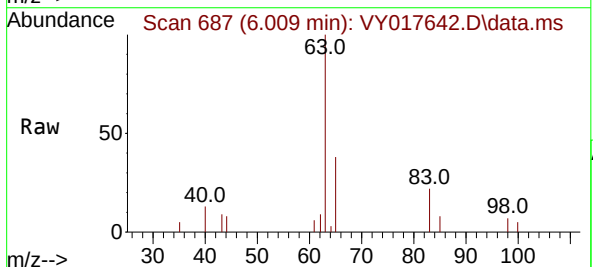
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL04

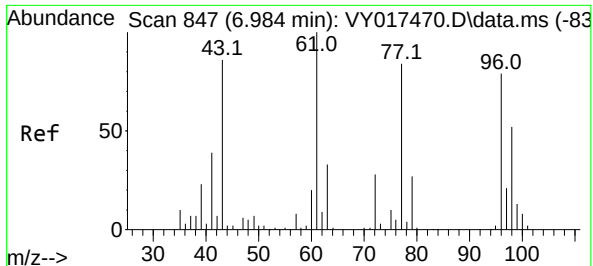
Tgt Ion: 43 Resp: 16472
 Ion Ratio Lower Upper
 43 100
 86 15.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.409 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017642.D
 Acq: 12 Mar 2024 15:57

Tgt Ion: 63 Resp: 5906
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 5.4 2.6 8.0





#25

2-Butanone

Concen: 11.620 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

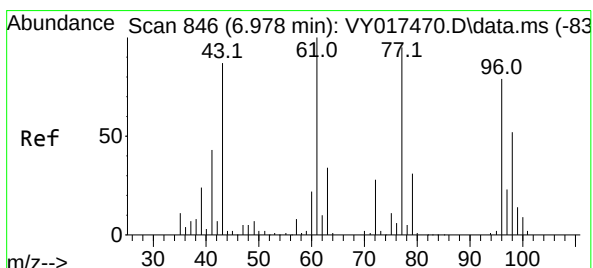
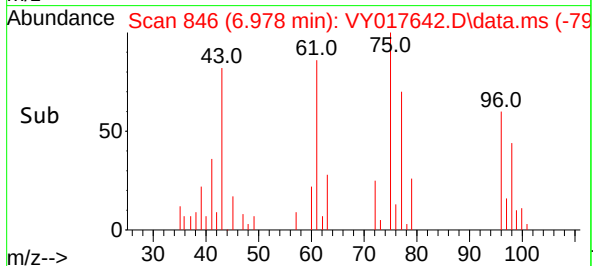
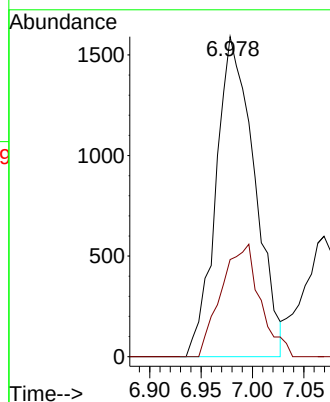
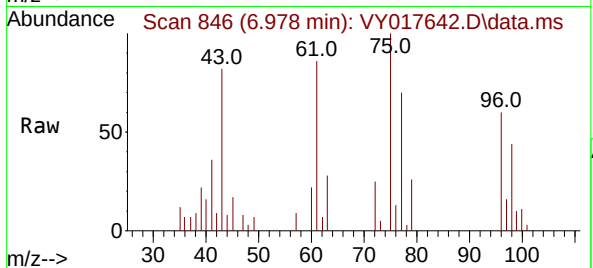
MDL04

Tgt Ion: 43 Resp: 4147

Ion Ratio Lower Upper

43 100

72 30.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.257 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY017642.D

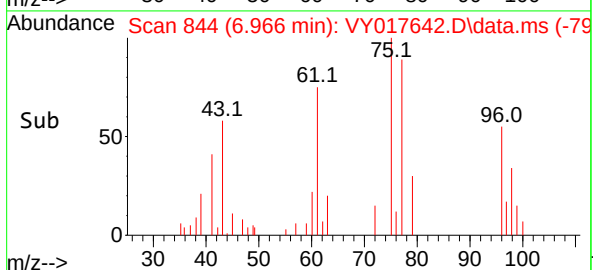
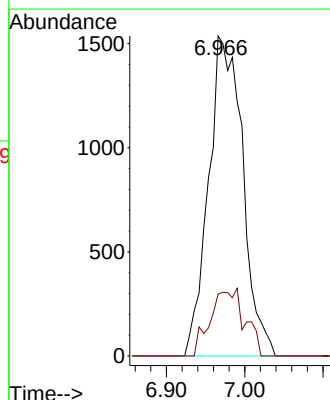
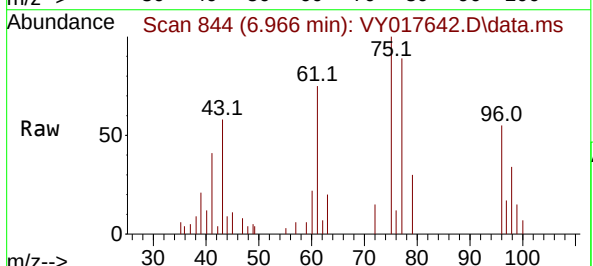
Acq: 12 Mar 2024 15:57

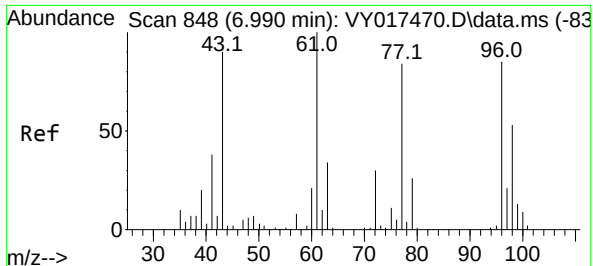
Tgt Ion: 77 Resp: 4652

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#





#27

cis-1,2-Dichloroethene

Concen: 2.101 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

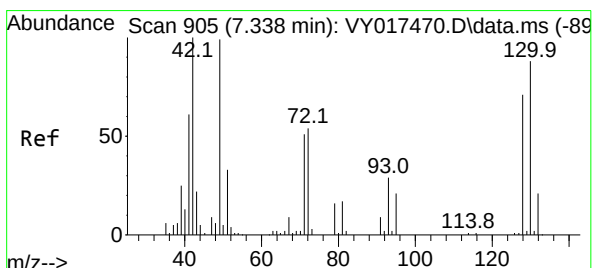
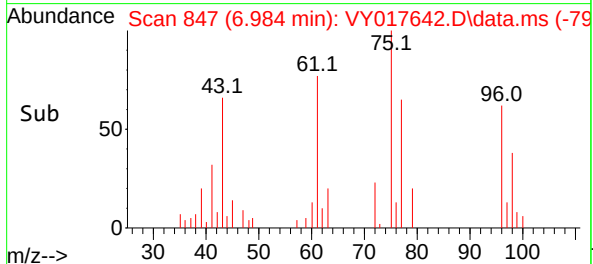
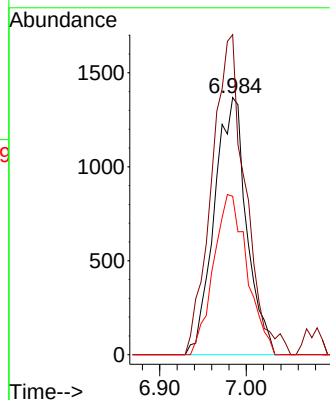
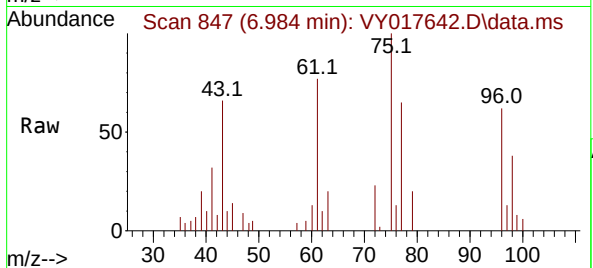
Tgt Ion: 96 Resp: 3555

Ion Ratio Lower Upper

96 100

61 129.3 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 2.100 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

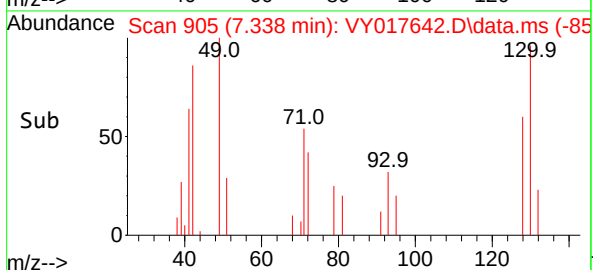
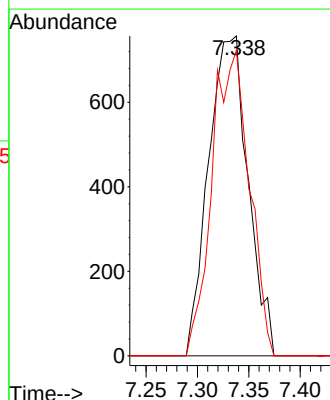
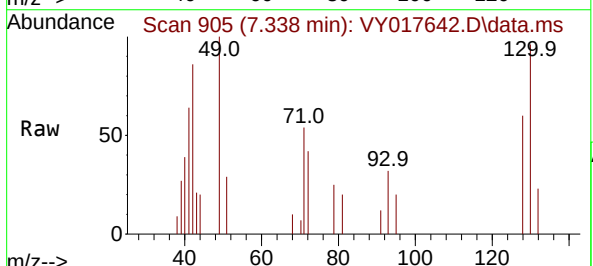
Tgt Ion: 49 Resp: 2027

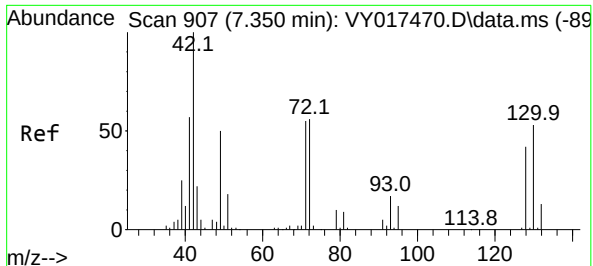
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 90.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 9.687 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

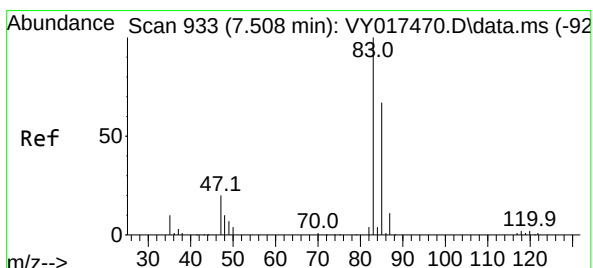
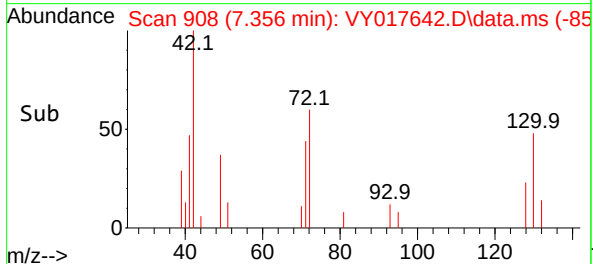
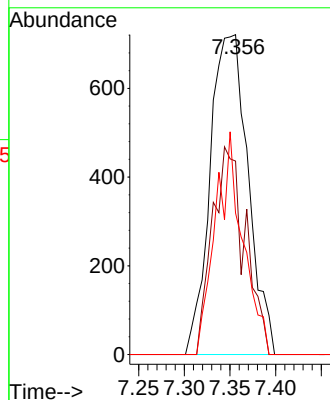
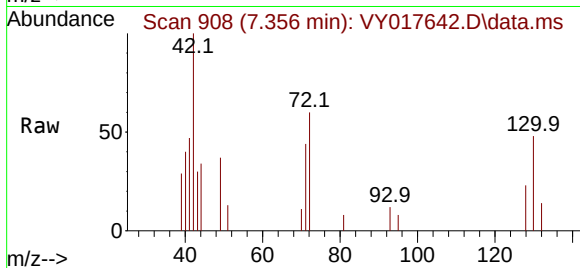
Tgt Ion: 42 Resp: 2084

Ion Ratio Lower Upper

42 100

72 56.1 43.0 64.4

71 50.1 40.8 61.2



#30

Chloroform

Concen: 2.269 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017642.D

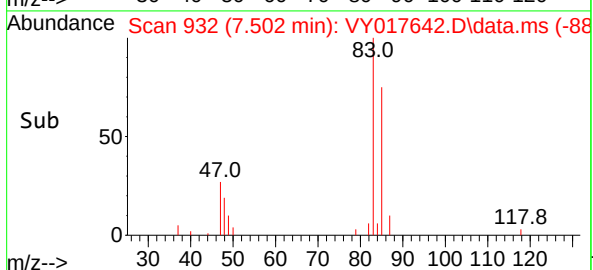
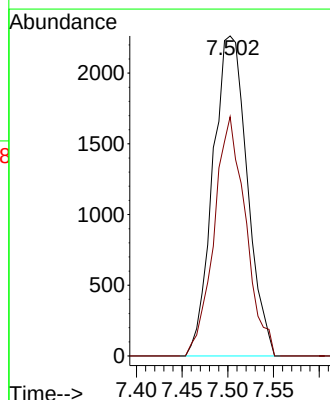
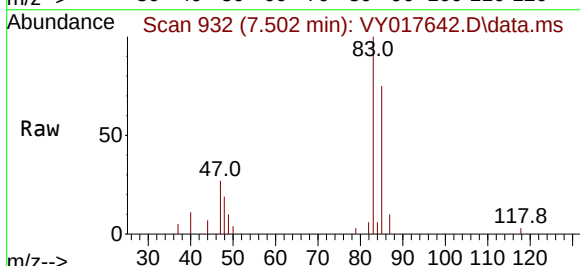
Acq: 12 Mar 2024 15:57

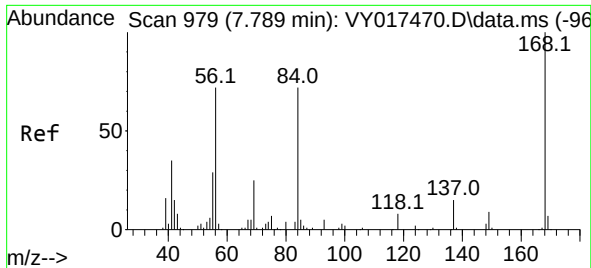
Tgt Ion: 83 Resp: 5922

Ion Ratio Lower Upper

83 100

85 74.8 52.2 78.4

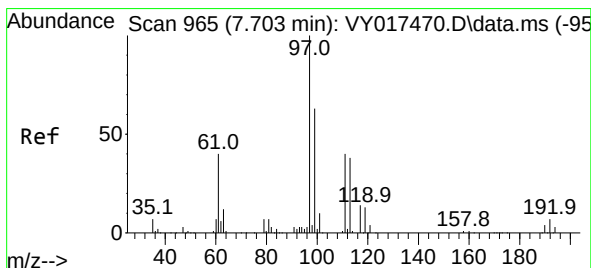
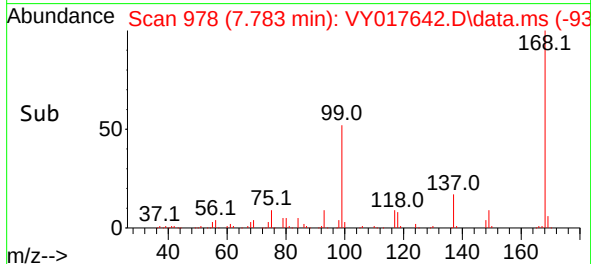
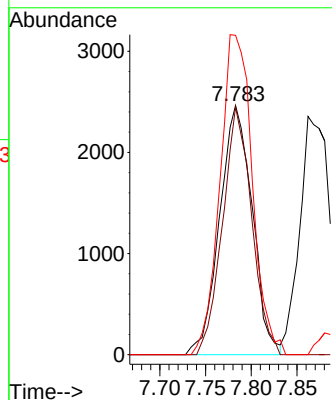
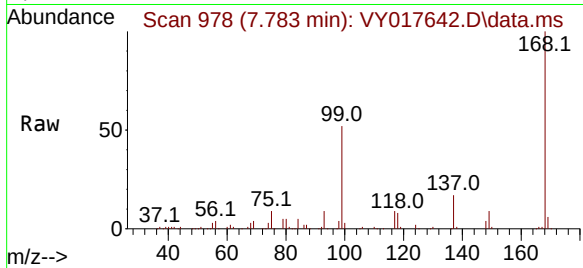




#31
Cyclohexane
Concen: 2.911 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

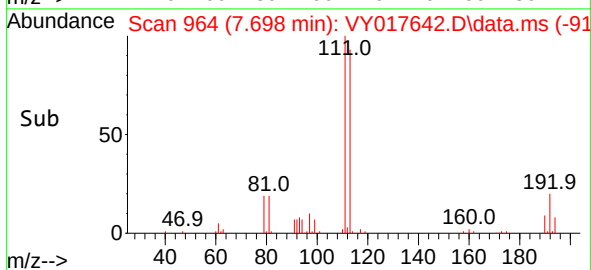
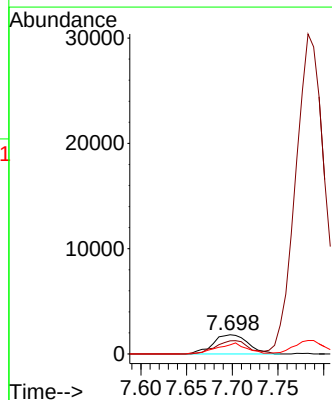
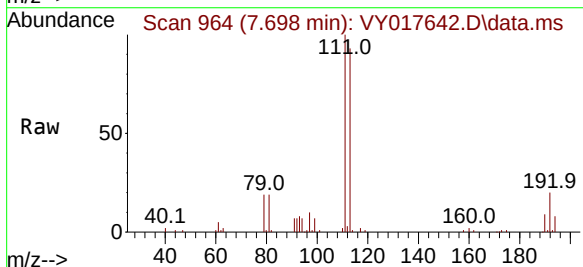
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

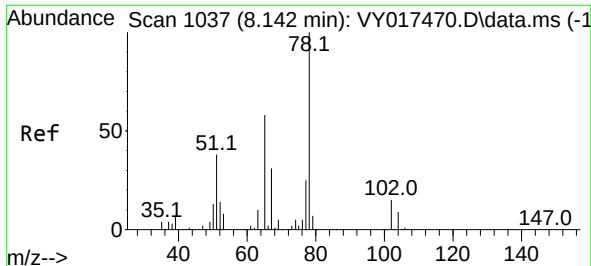
Tgt Ion: 56 Resp: 6117
Ion Ratio Lower Upper
56 100
69 99.3 28.7 43.1#
84 128.2 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 2.155 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 97 Resp: 4884
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 48.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.190 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

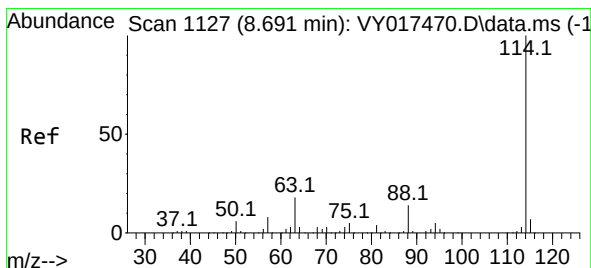
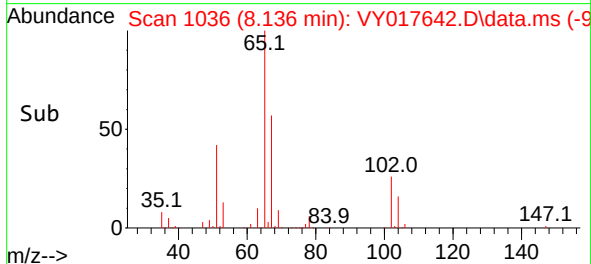
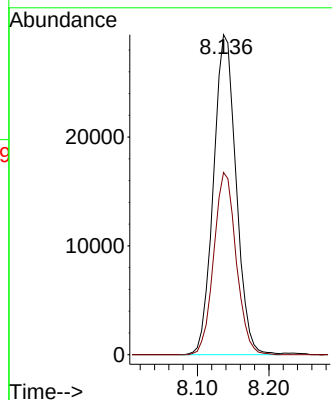
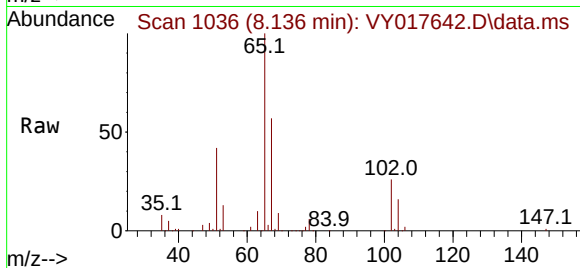
MDL04

Tgt Ion: 65 Resp: 64798

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

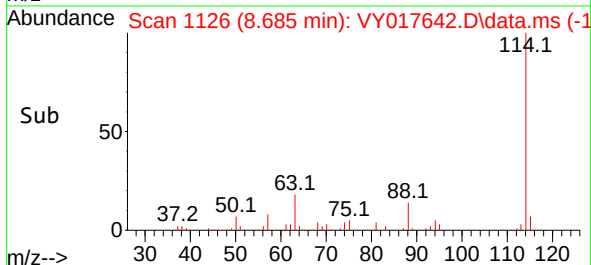
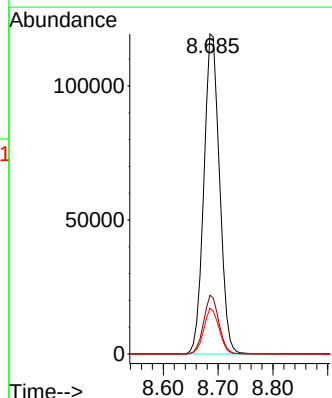
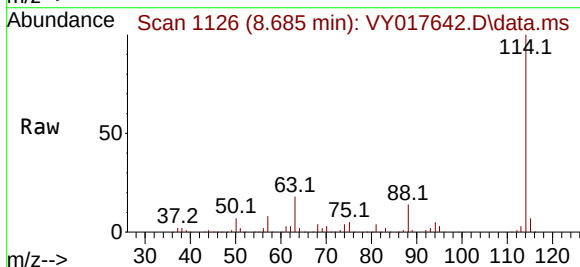
Tgt Ion: 114 Resp: 236232

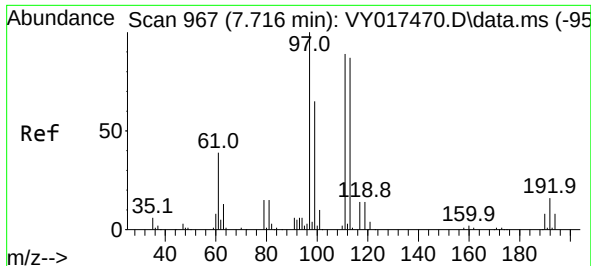
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.2 0.0 27.2

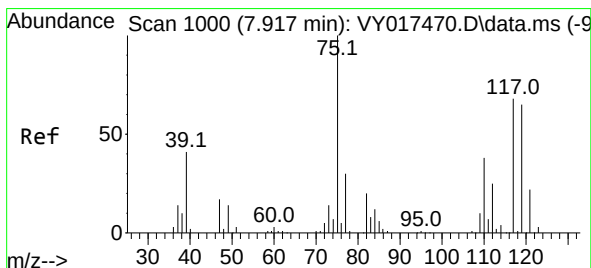
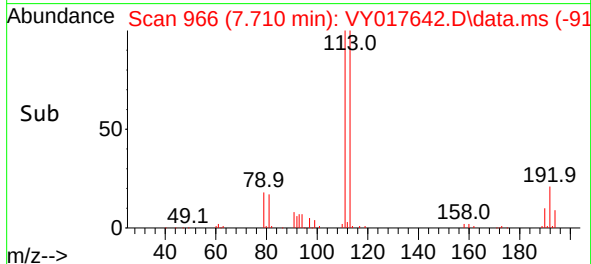
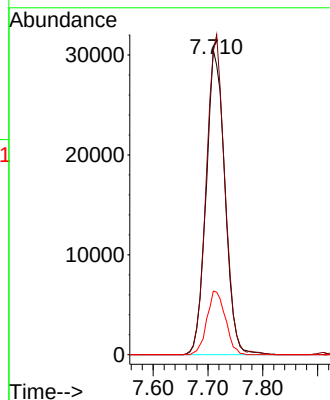
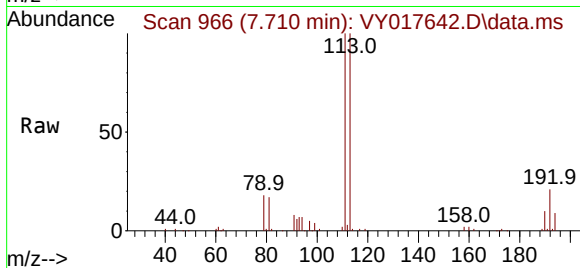




#35
Dibromofluoromethane
Concen: 44.025 ug/l
RT: 7.710 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

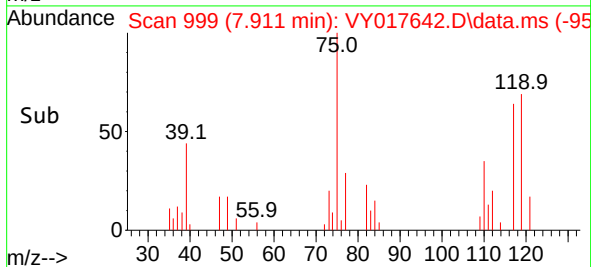
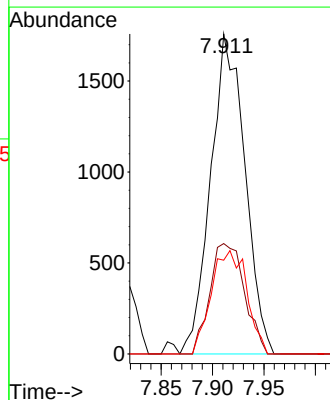
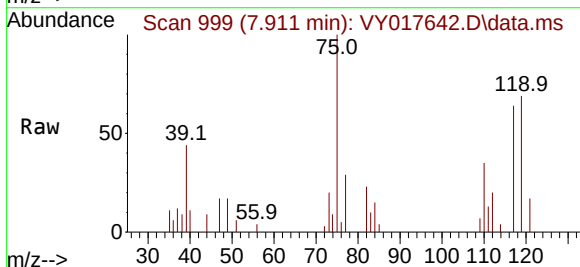
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

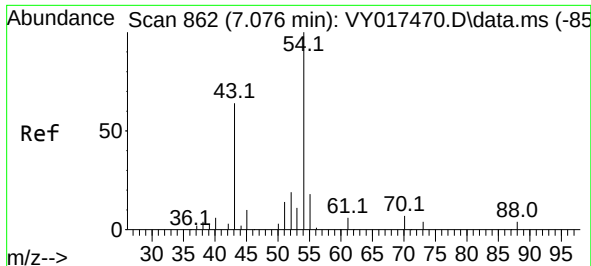
Tgt Ion:113 Resp: 72471
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 1.834 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 75 Resp: 4074
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 33.6 25.3 37.9

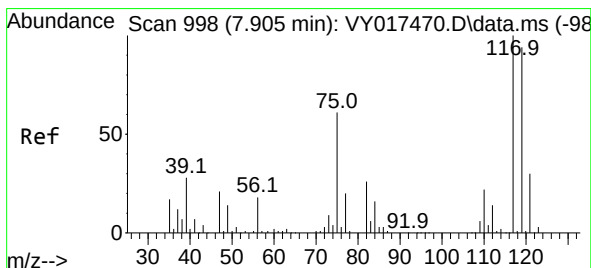
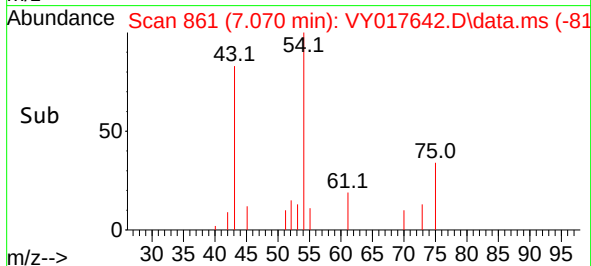
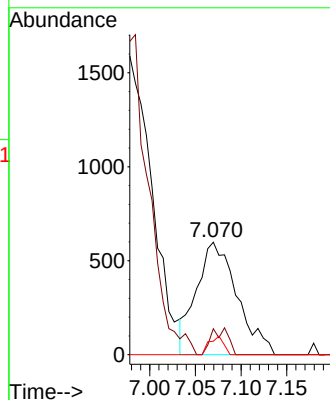
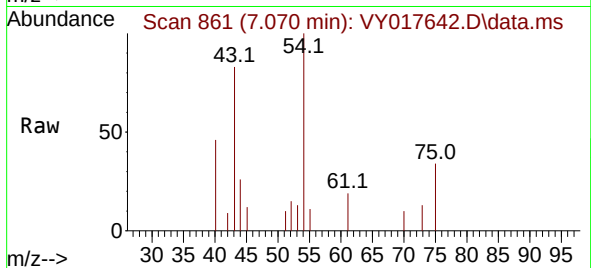




#37
Ethyl Acetate
Concen: 2.112 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

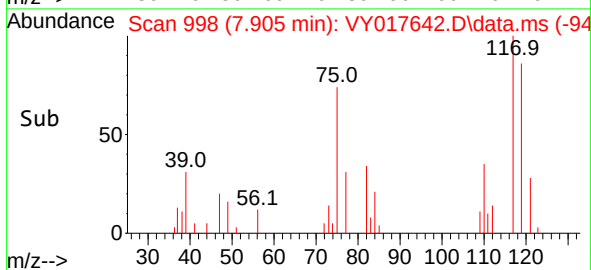
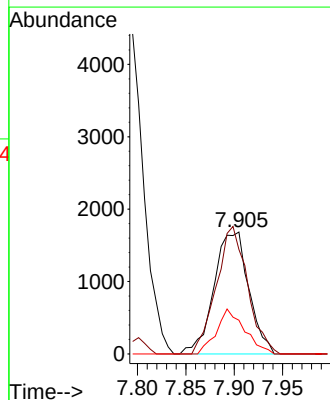
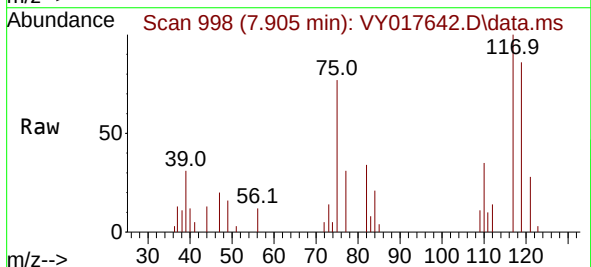
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

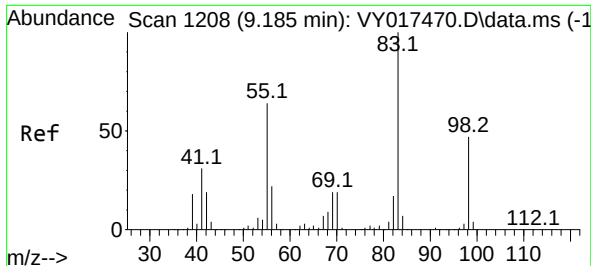
Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
61 9.9 12.6 19.0#
70 5.7 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 1.891 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 117 Resp: 4209
Ion Ratio Lower Upper
117 100
119 85.7 75.8 113.6
121 27.6 24.0 36.0





#39

Methylcyclohexane

Concen: 1.695 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

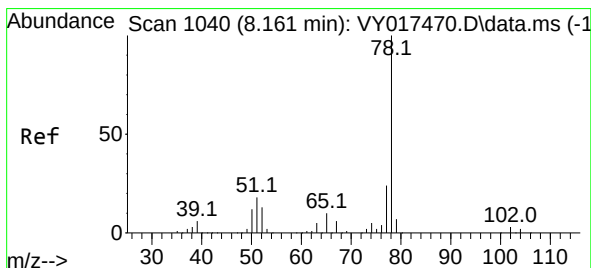
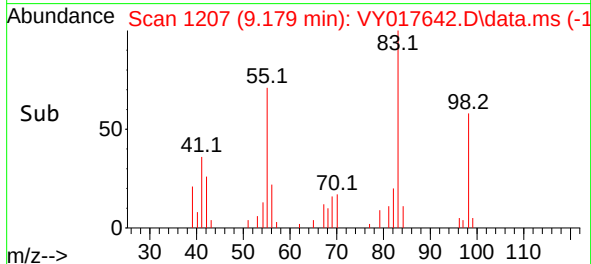
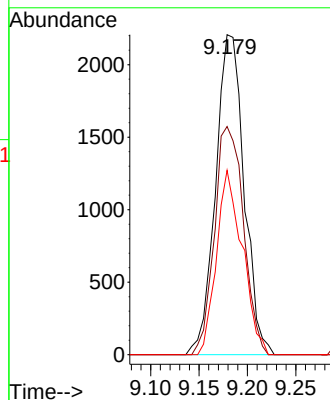
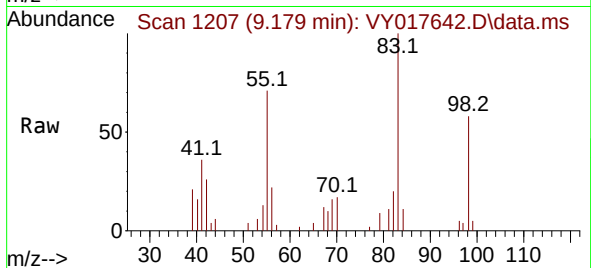
Tgt Ion: 83 Resp: 4523

Ion Ratio Lower Upper

83 100

55 71.3 51.5 77.3

98 57.6 40.5 60.7



#40

Benzene

Concen: 1.937 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017642.D

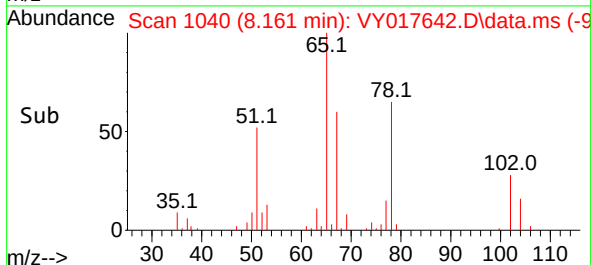
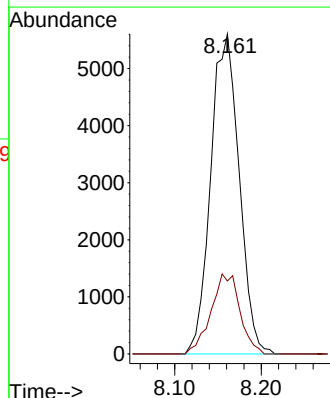
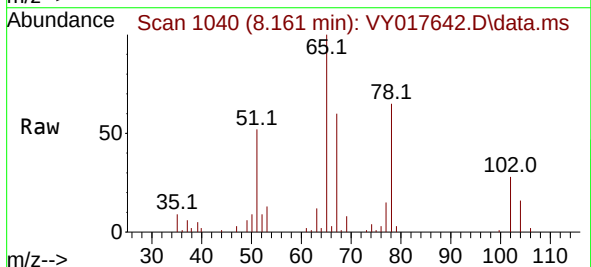
Acq: 12 Mar 2024 15:57

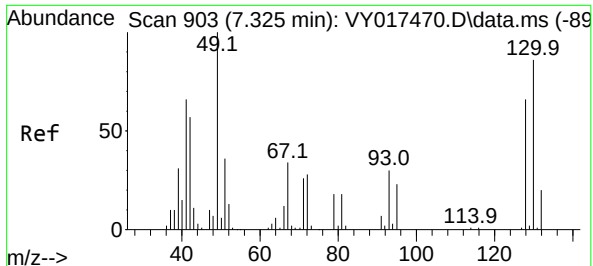
Tgt Ion: 78 Resp: 12778

Ion Ratio Lower Upper

78 100

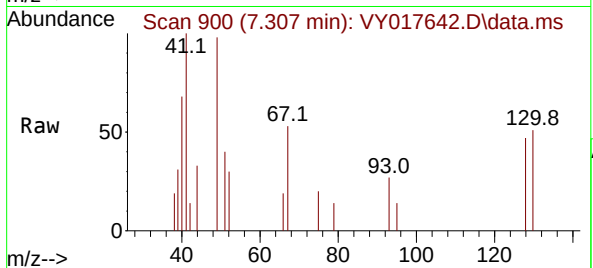
77 22.8 19.5 29.3



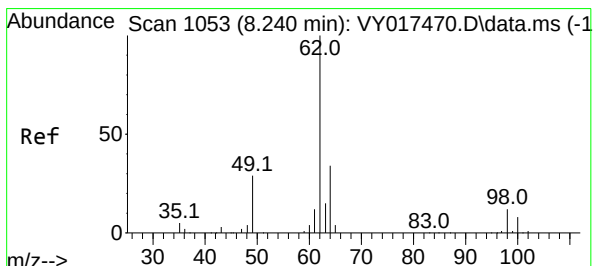
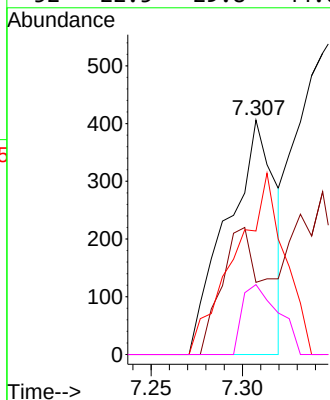
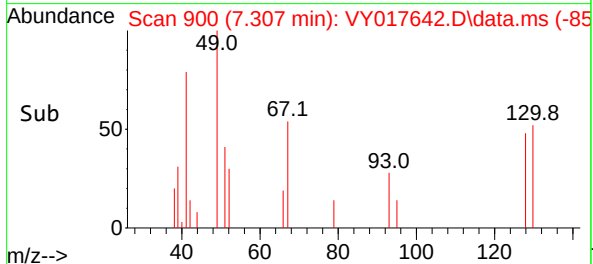


#41
Methacrylonitrile
Concen: 1.688 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

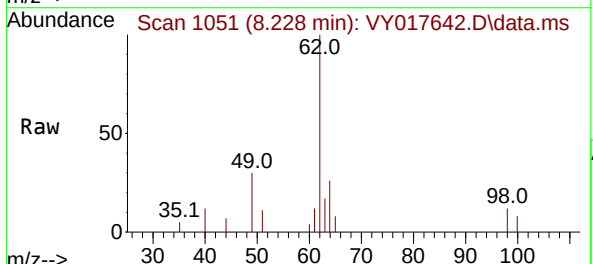
Instrument :
MSVOA_Y
ClientSampleId :
MDL04



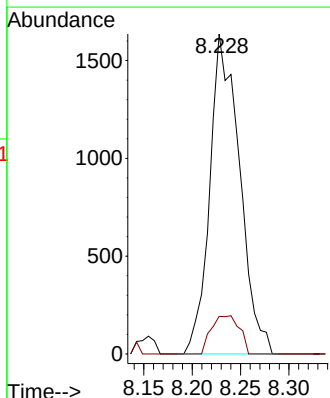
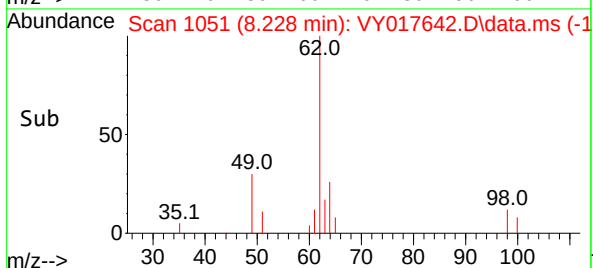
Tgt Ion:	41	Resp:	743
Ion	Ratio	Lower	Upper
41	100		
39	43.5	48.0	72.0#
67	79.7	75.1	112.7
52	22.5	29.8	44.6#

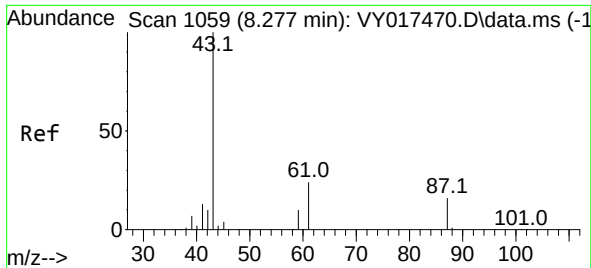


#42
1,2-Dichloroethane
Concen: 2.177 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57



Tgt Ion:	62	Resp:	3503
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 1.849 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

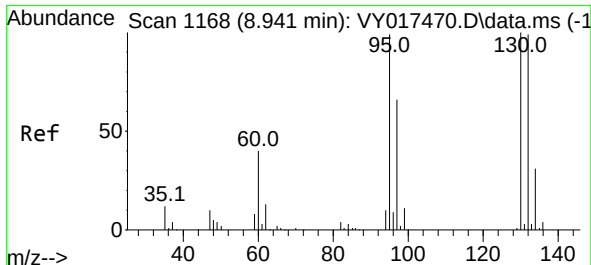
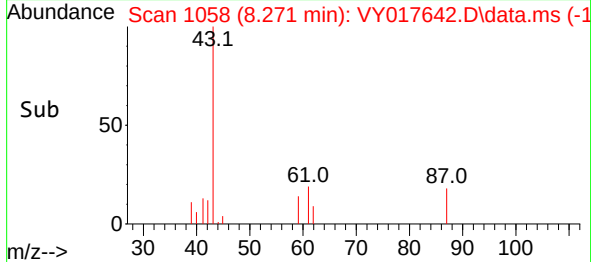
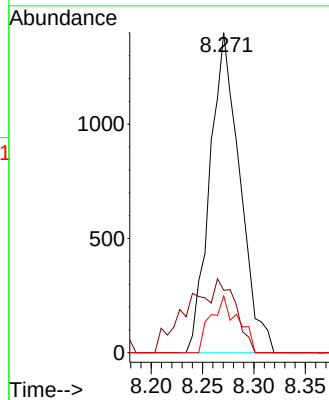
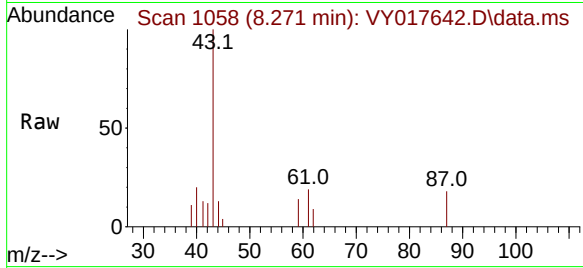
Tgt Ion: 43 Resp: 2850

Ion Ratio Lower Upper

43 100

61 15.9 27.9 41.9#

87 16.1 13.1 19.7



#44

Trichloroethene

Concen: 1.859 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017642.D

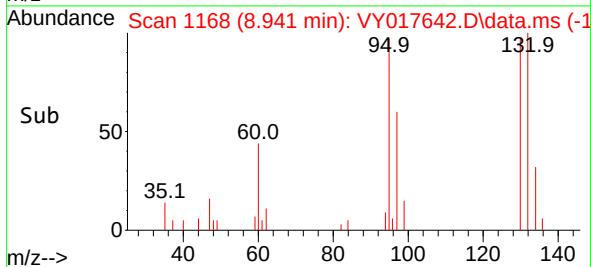
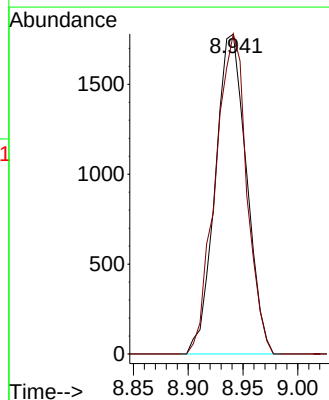
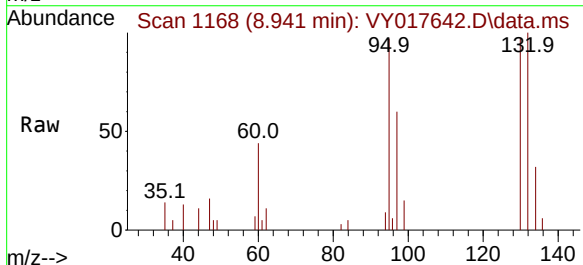
Acq: 12 Mar 2024 15:57

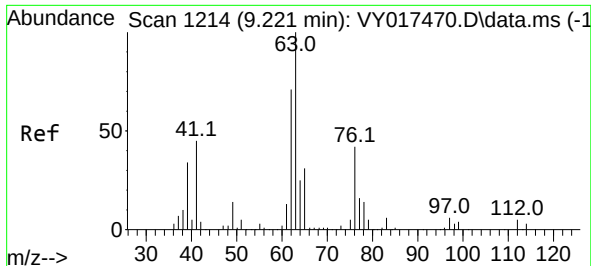
Tgt Ion:130 Resp: 3535

Ion Ratio Lower Upper

130 100

95 100.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 1.949 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

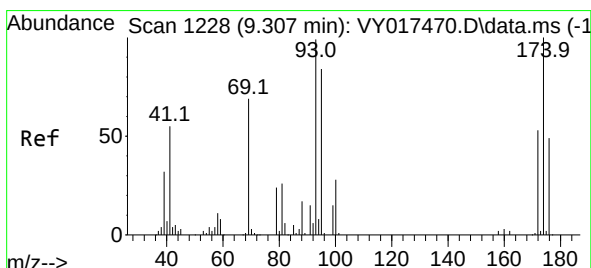
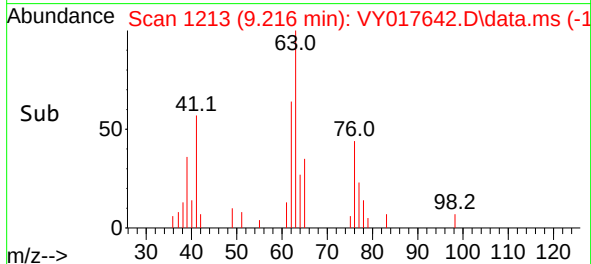
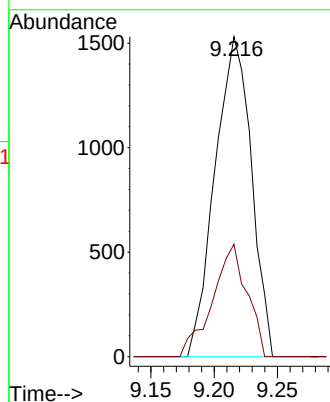
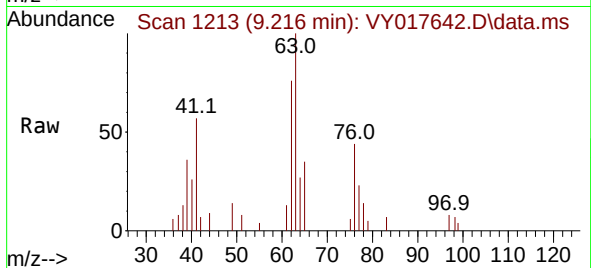
MDL04

Tgt Ion: 63 Resp: 3059

Ion Ratio Lower Upper

63 100

65 35.1 25.4 38.2



#46

Dibromomethane

Concen: 2.012 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

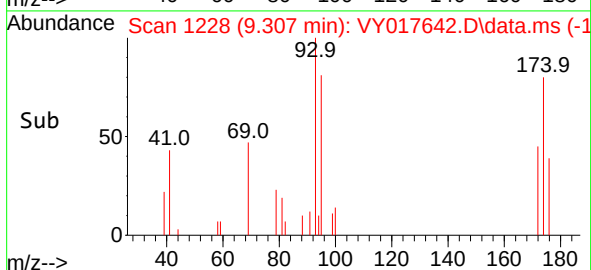
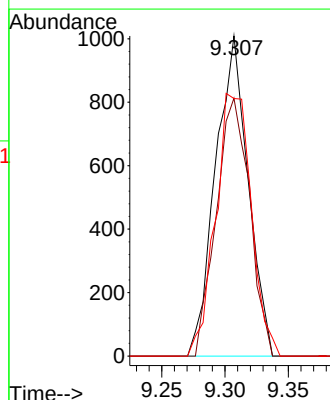
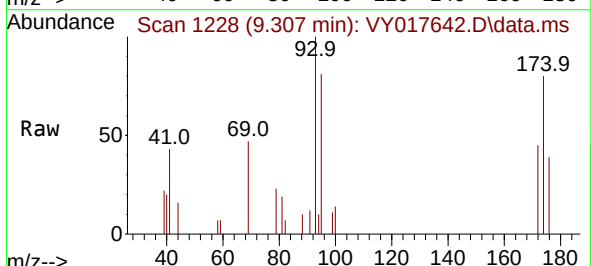
Tgt Ion: 93 Resp: 1807

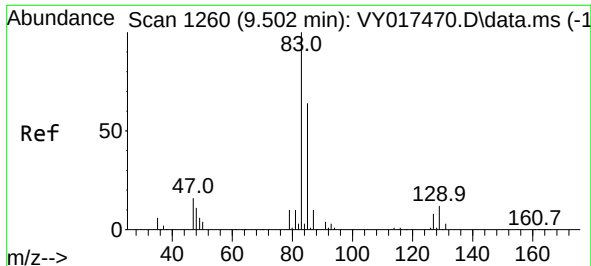
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 89.7 80.9 121.3





#47

Bromodichloromethane

Concen: 2.050 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

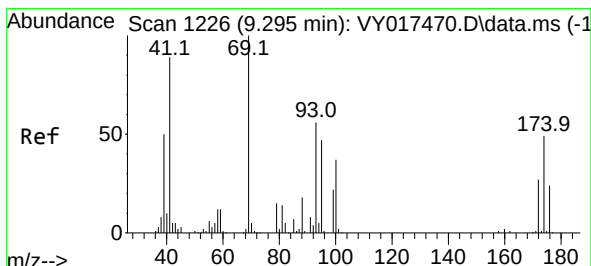
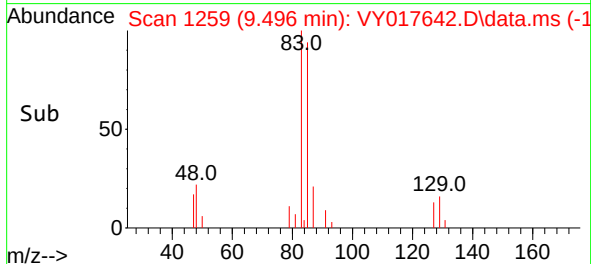
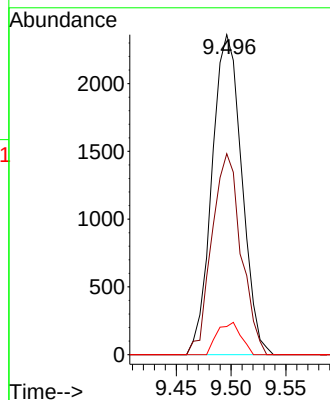
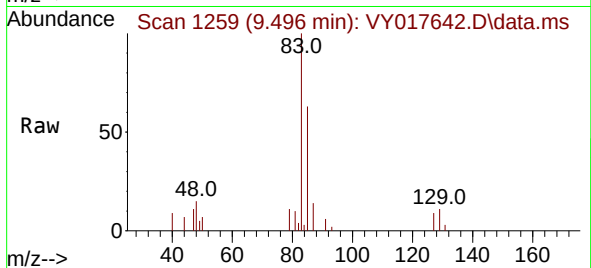
Tgt Ion: 83 Resp: 4471

Ion Ratio Lower Upper

83 100

85 62.8 50.1 75.1

127 8.8 7.4 11.0



#48

Methyl methacrylate

Concen: 2.021 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

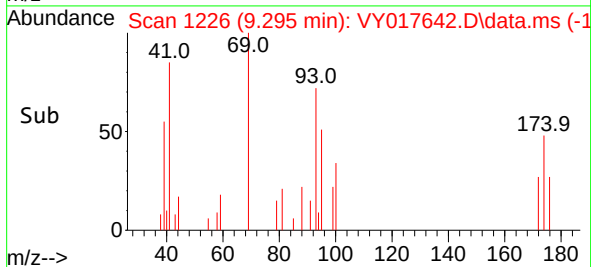
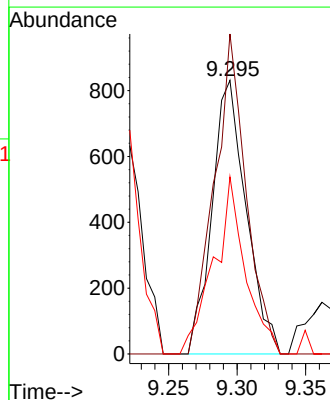
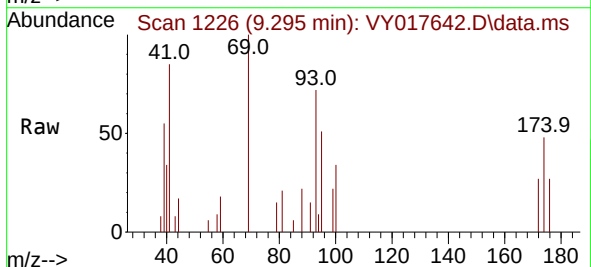
Tgt Ion: 41 Resp: 1442

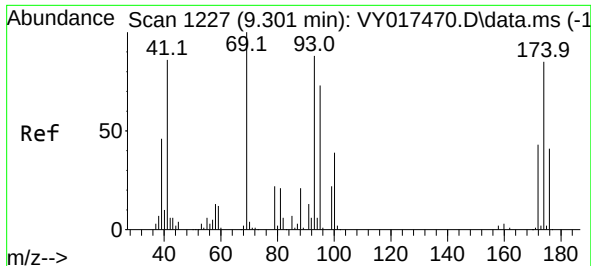
Ion Ratio Lower Upper

41 100

69 108.3 84.1 126.1

39 59.7 43.6 65.4





#49

1,4-Dioxane

Concen: 32.370 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

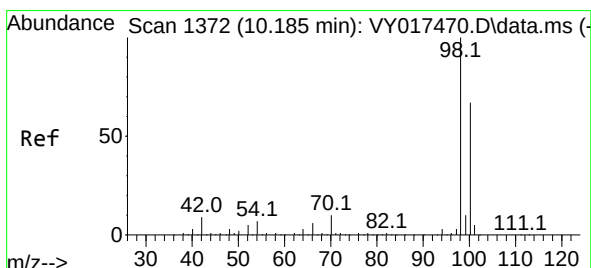
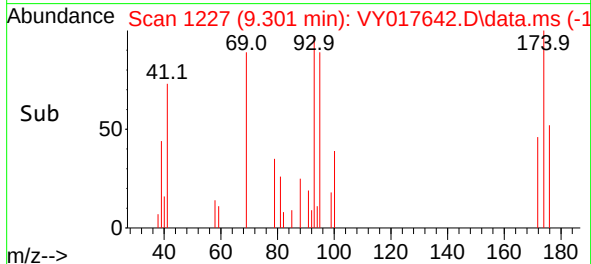
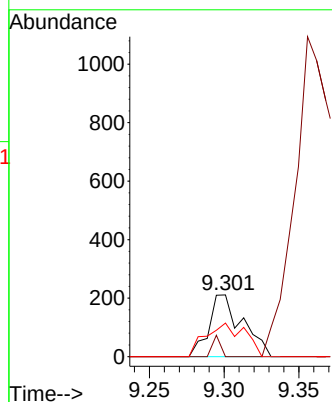
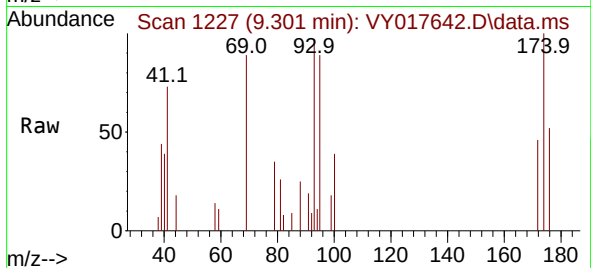
Tgt Ion: 88 Resp: 329

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.5 49.3 73.9



#50

Toluene-d8

Concen: 45.647 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017642.D

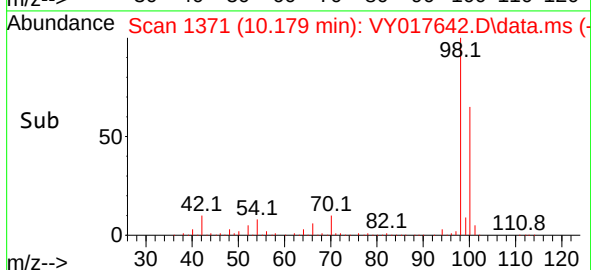
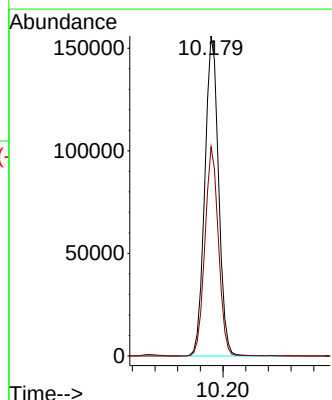
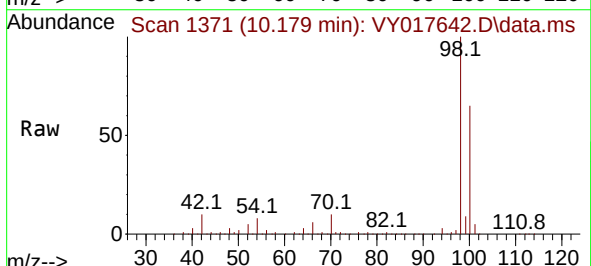
Acq: 12 Mar 2024 15:57

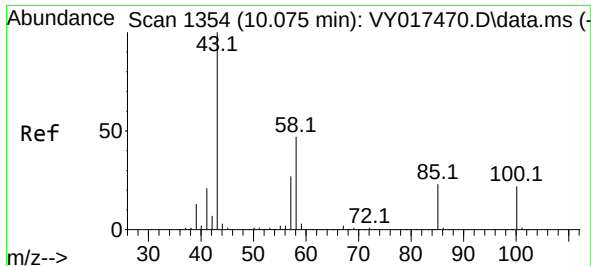
Tgt Ion: 98 Resp: 262719

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

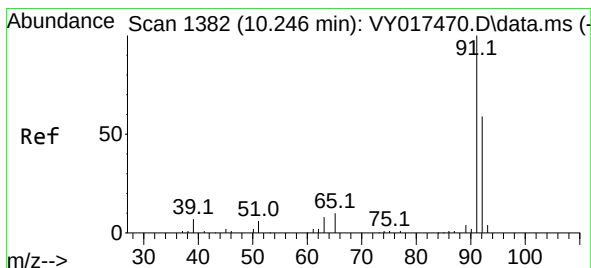
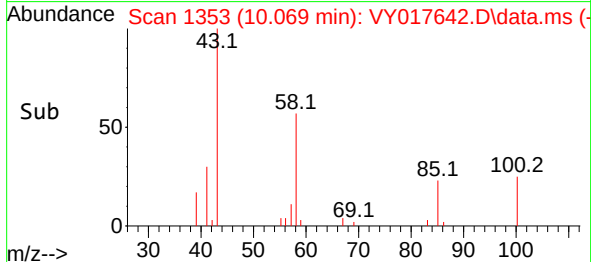
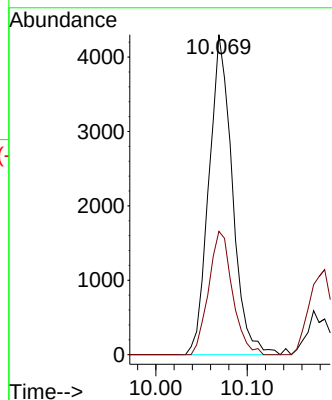
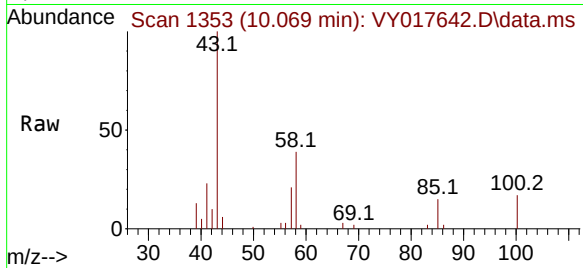




#51
4-Methyl-2-Pentanone
Concen: 8.871 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

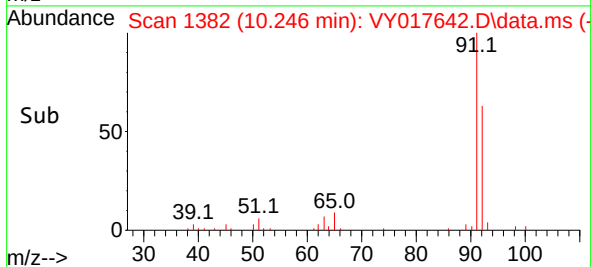
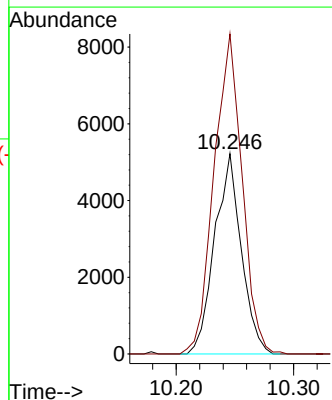
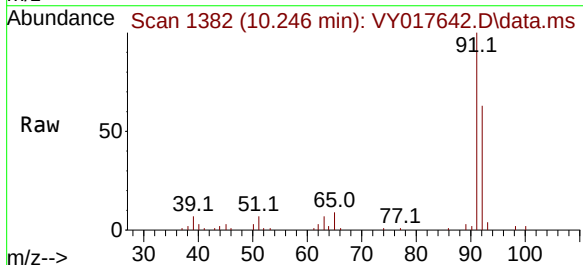
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

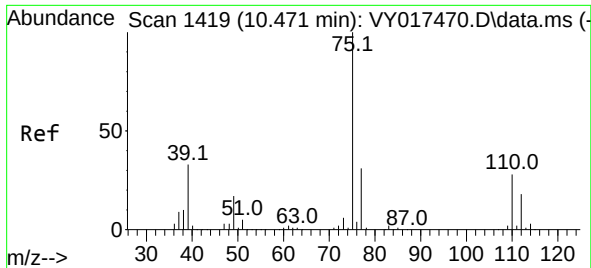
Tgt Ion: 43 Resp: 7621
Ion Ratio Lower Upper
43 100
58 39.2 35.7 53.5



#52
Toluene
Concen: 1.979 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 92 Resp: 8228
Ion Ratio Lower Upper
92 100
91 168.5 139.0 208.6

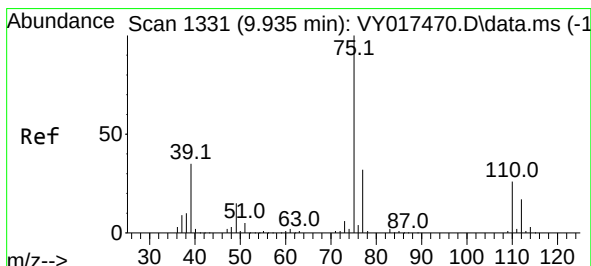
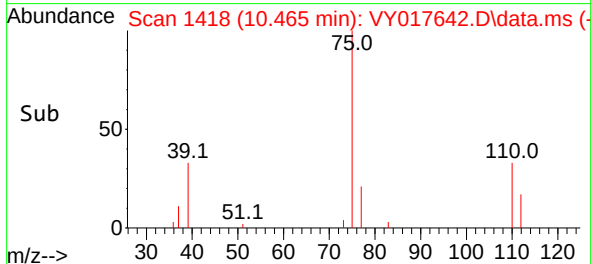
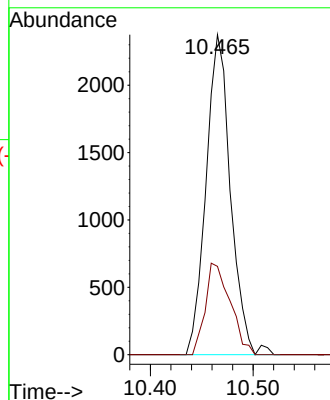
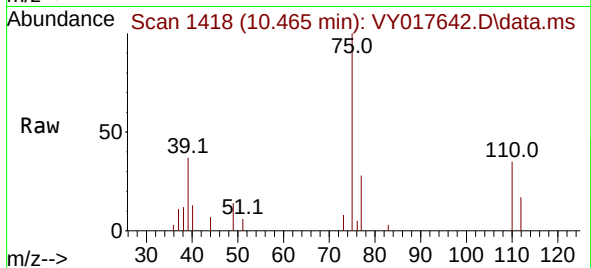




#53
t-1,3-Dichloropropene
Concen: 1.945 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

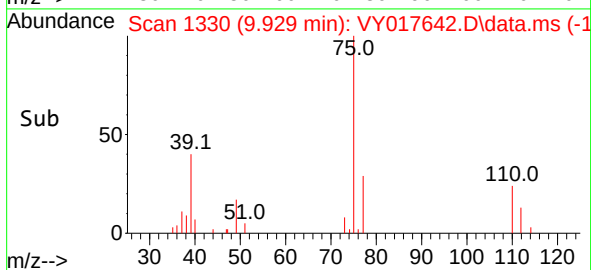
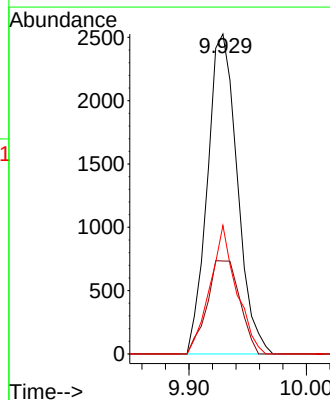
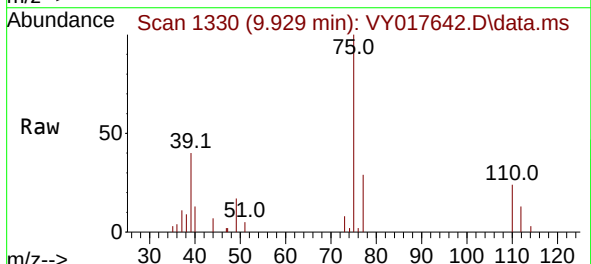
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

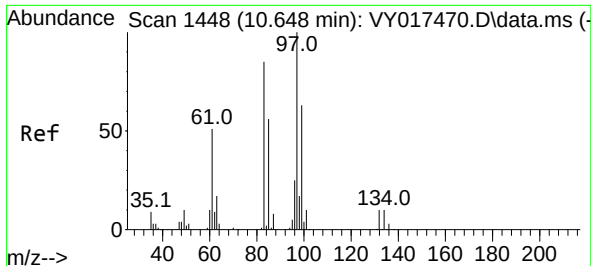
Tgt Ion: 75 Resp: 3936
Ion Ratio Lower Upper
75 100
77 27.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 1.815 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 75 Resp: 4464
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.0
39 40.2 29.8 44.6

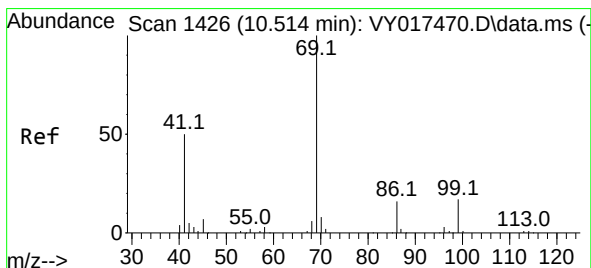
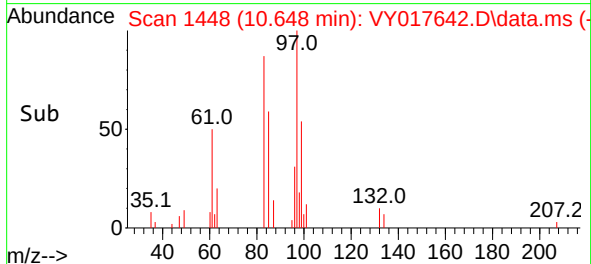
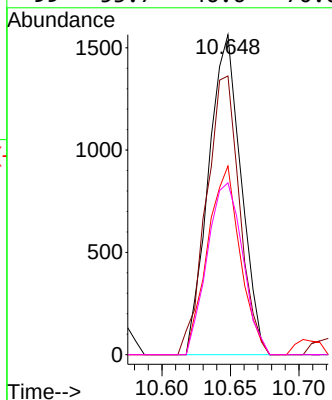
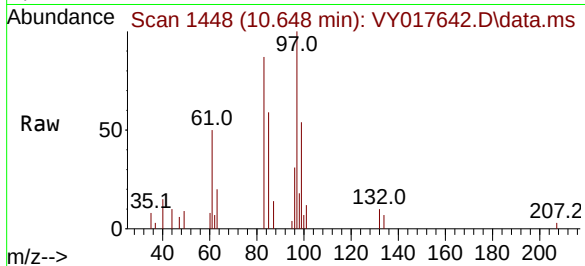




#55
1,1,2-Trichloroethane
Concen: 2.021 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

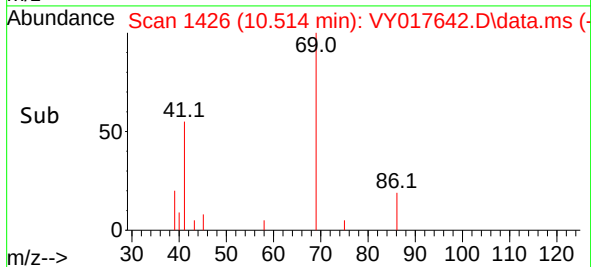
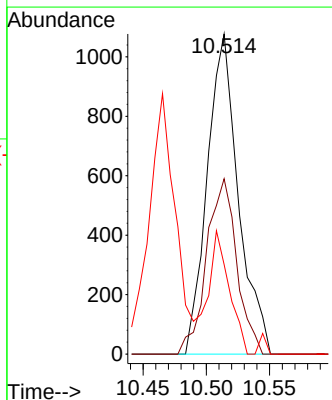
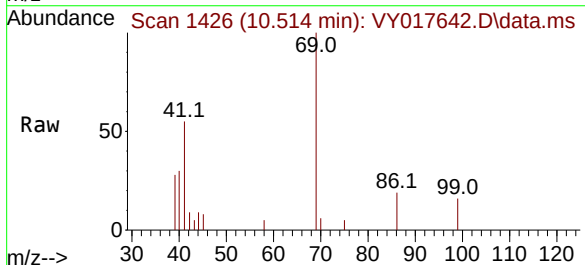
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

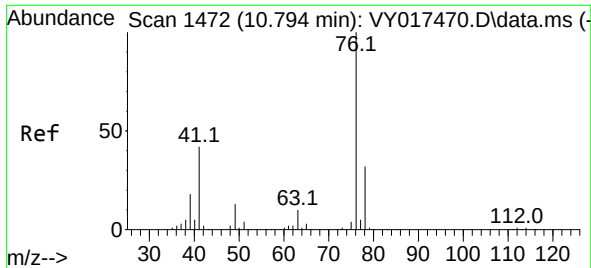
Tgt Ion:	97	Resp:	2577
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.5	101.3
85	59.0	42.9	64.3
99	53.7	46.6	70.0



#56
Ethyl methacrylate
Concen: 3.651 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion:	69	Resp:	1841
Ion	Ratio	Lower	Upper
69	100		
41	53.0	42.3	63.5
39	26.4	22.9	34.3





#57

1,3-Dichloropropane

Concen: 1.937 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

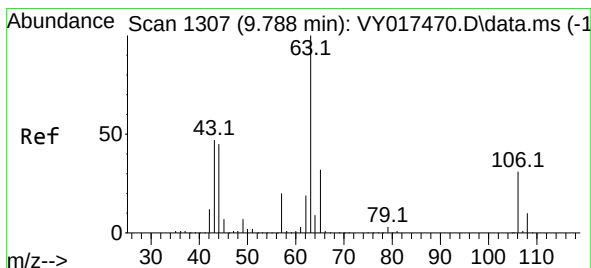
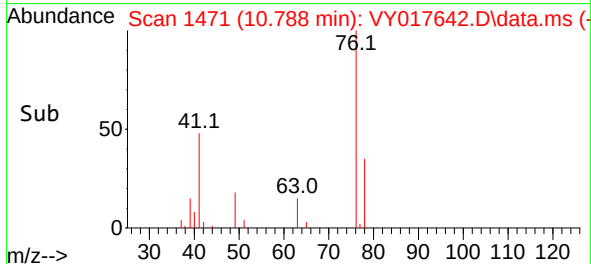
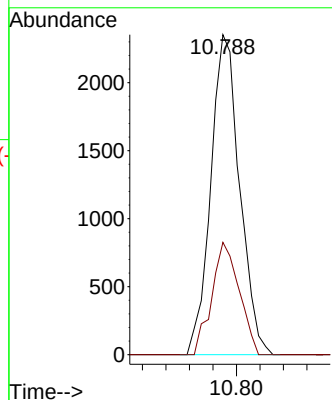
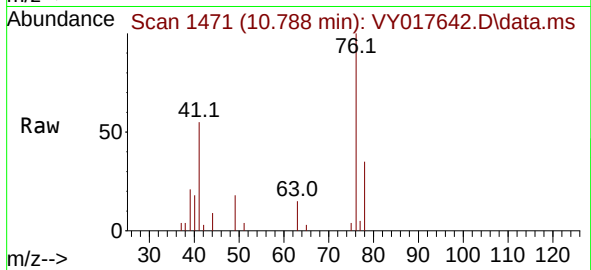
MDL04

Tgt Ion: 76 Resp: 4016

Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 7.934 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017642.D

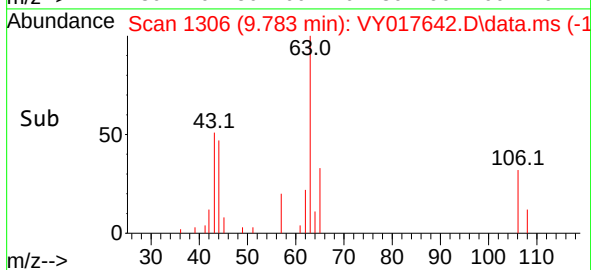
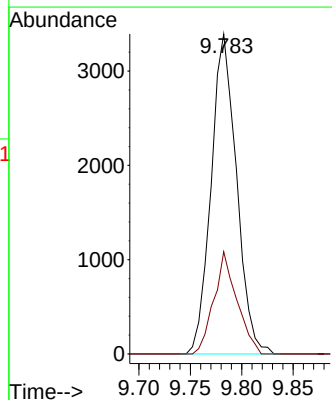
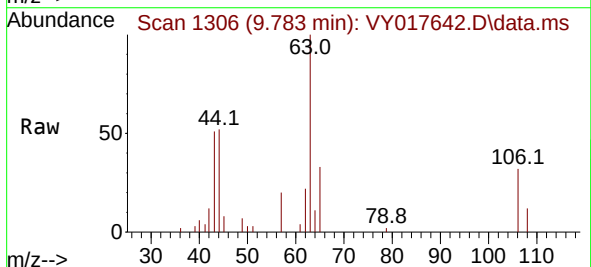
Acq: 12 Mar 2024 15:57

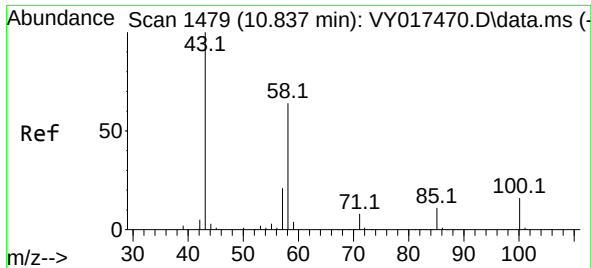
Tgt Ion: 63 Resp: 5838

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5

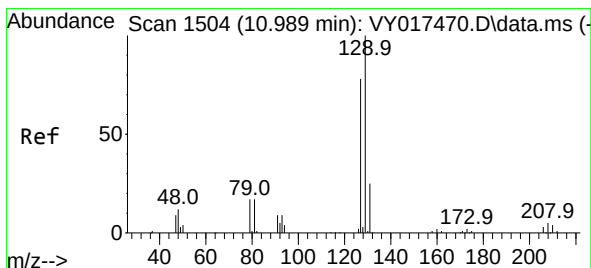
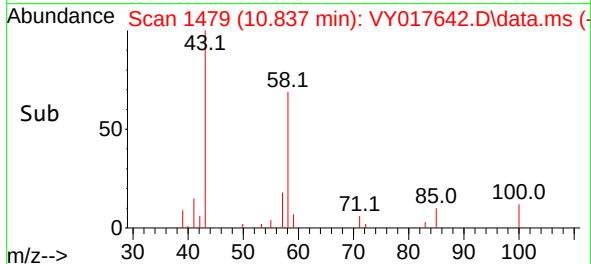
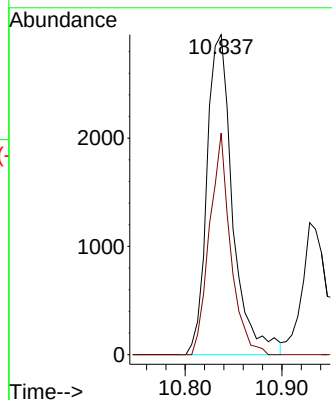
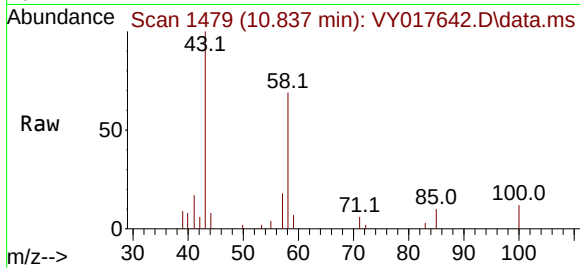




#59
2-Hexanone
Concen: 9.266 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

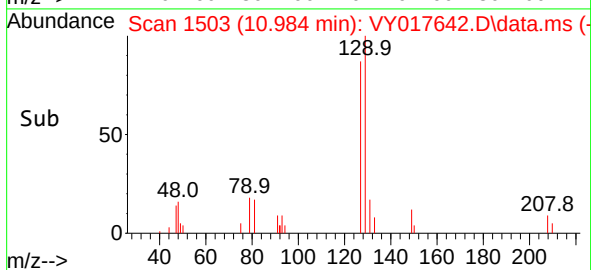
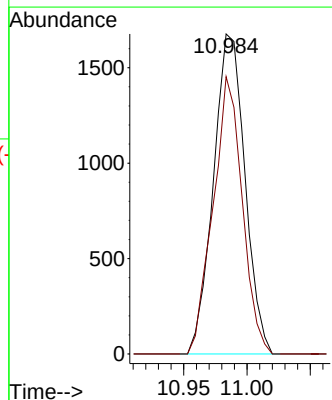
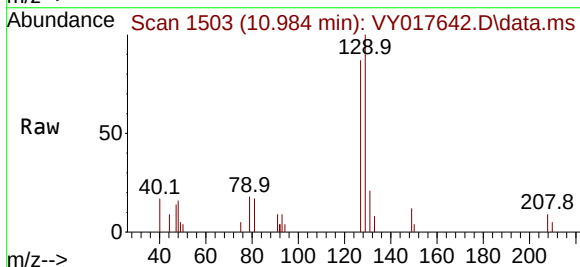
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

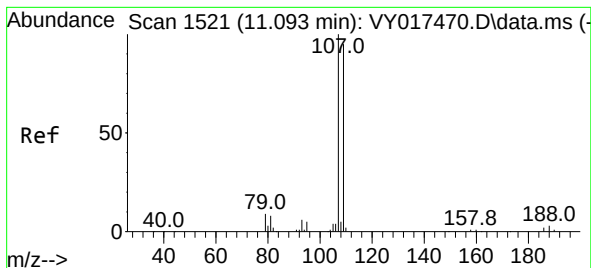
Tgt Ion: 43 Resp: 5468
Ion Ratio Lower Upper
43 100
58 56.7 31.4 94.0



#60
Dibromochloromethane
Concen: 1.929 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 129 Resp: 2910
Ion Ratio Lower Upper
129 100
127 80.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 1.884 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

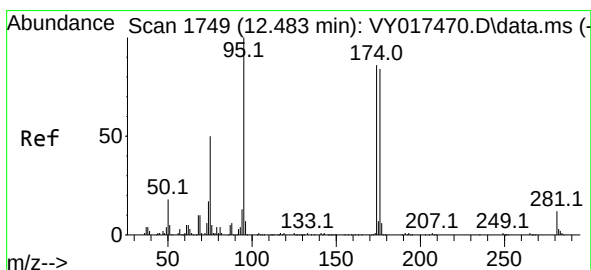
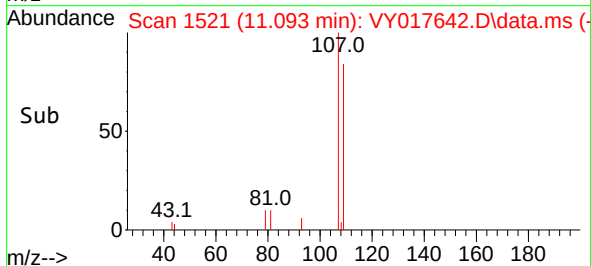
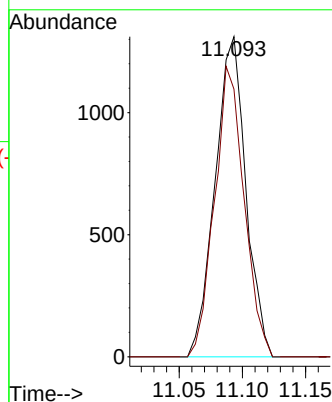
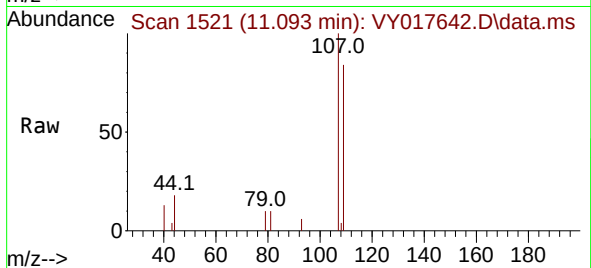
MDL04

Tgt Ion:107 Resp: 2214

Ion Ratio Lower Upper

107 100

109 87.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 42.617 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

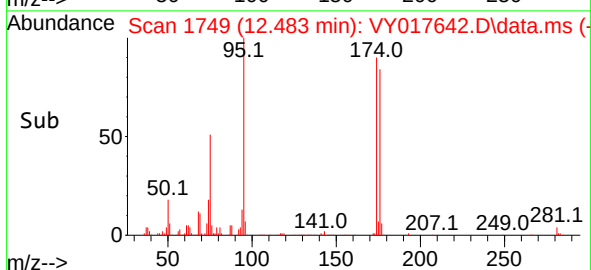
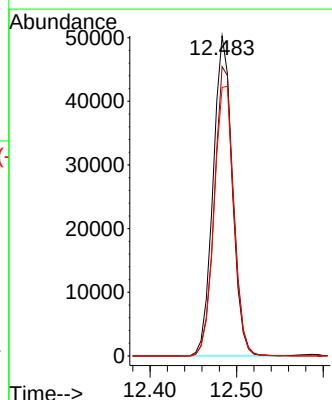
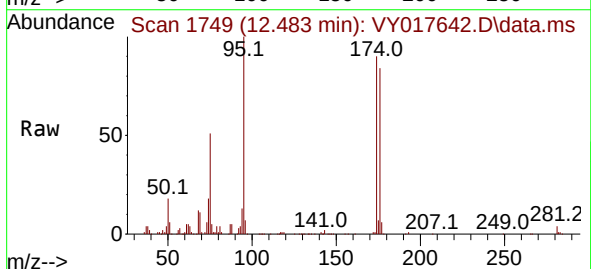
Tgt Ion: 95 Resp: 77085

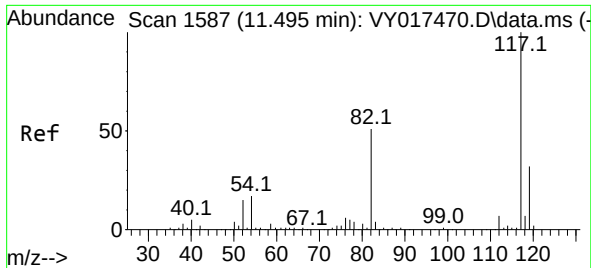
Ion Ratio Lower Upper

95 100

174 91.2 0.0 175.6

176 87.2 0.0 171.4

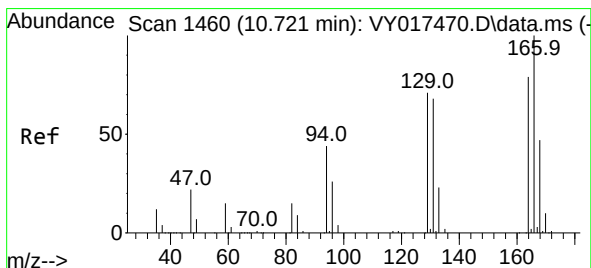
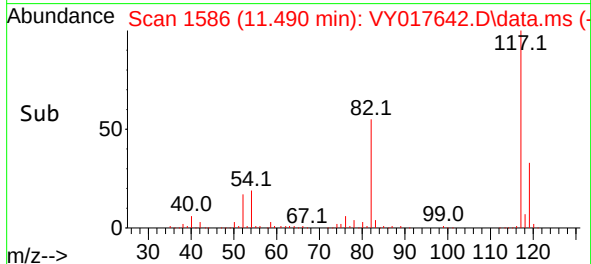
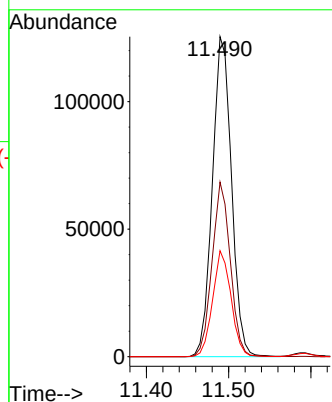
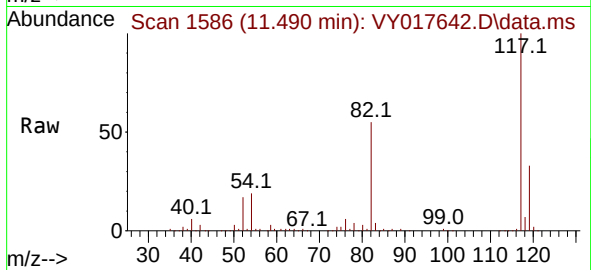




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

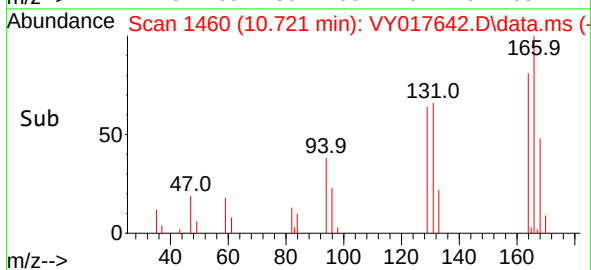
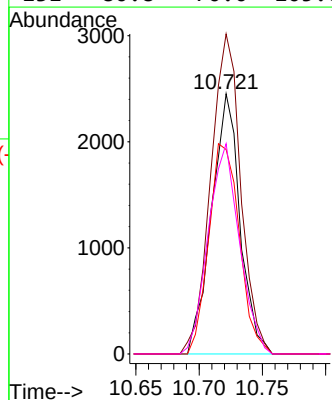
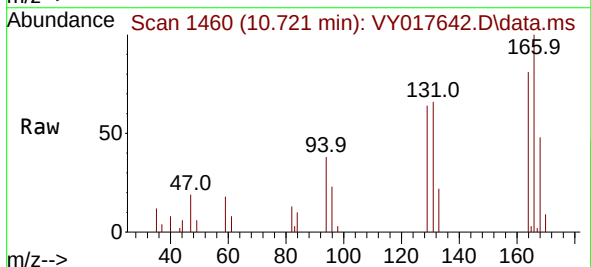
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

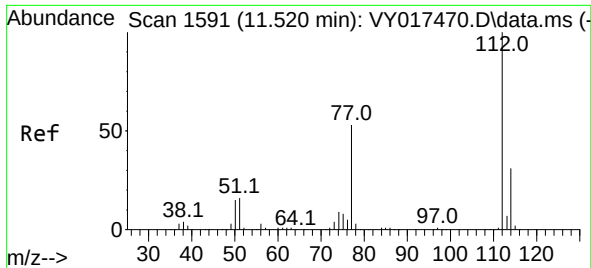
Tgt Ion:117 Resp: 202786
Ion Ratio Lower Upper
117 100
82 54.5 42.4 63.6
119 33.1 25.9 38.9



#64
Tetrachloroethene
Concen: 1.971 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion:164 Resp: 3836
Ion Ratio Lower Upper
164 100
166 123.0 102.6 154.0
129 78.6 72.0 108.0
131 80.8 70.0 105.0

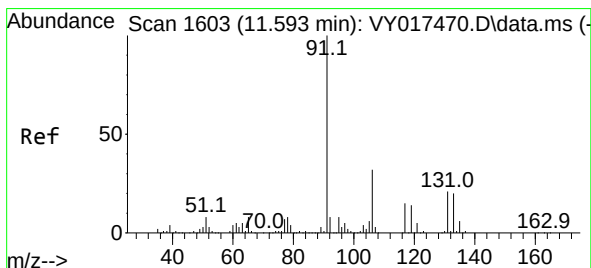
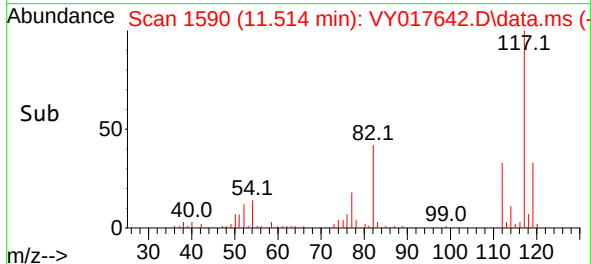
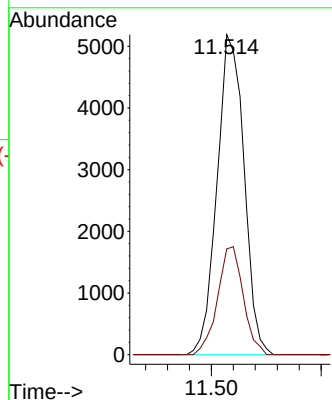
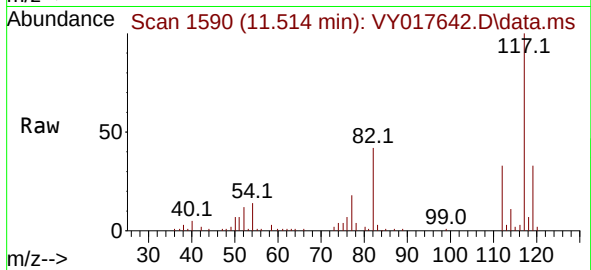




#65
Chlorobenzene
Concen: 2.061 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

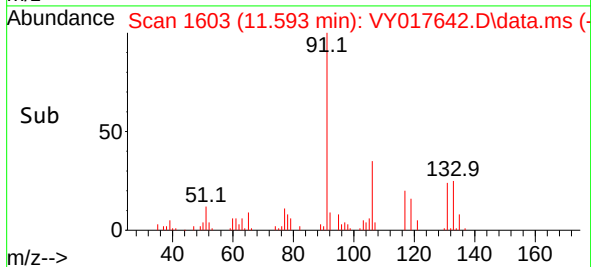
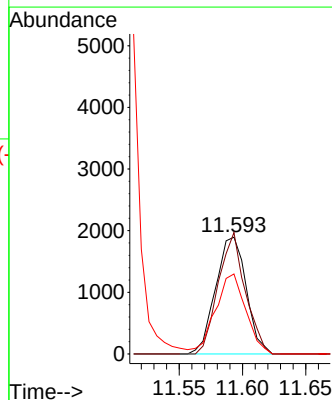
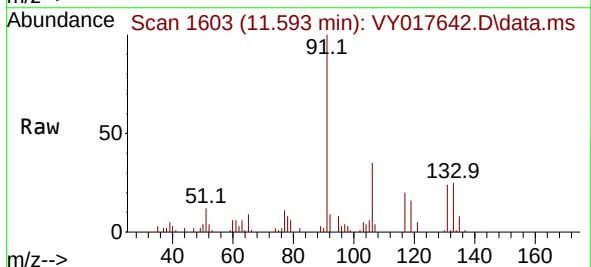
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

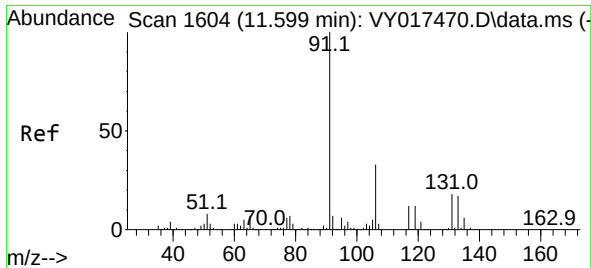
Tgt Ion:112 Resp: 8869
Ion Ratio Lower Upper
112 100
114 33.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.975 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion:131 Resp: 3185
Ion Ratio Lower Upper
131 100
133 91.7 47.8 143.3
119 68.2 34.1 102.2

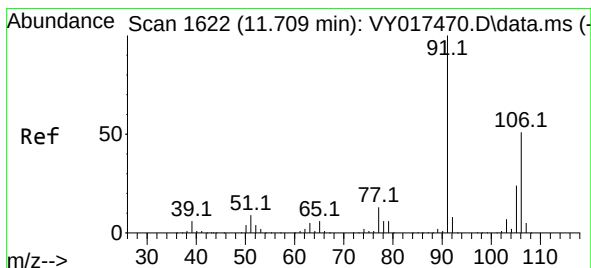
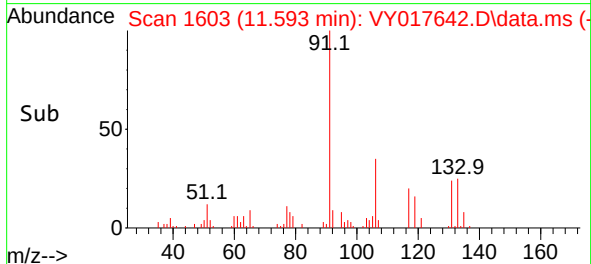
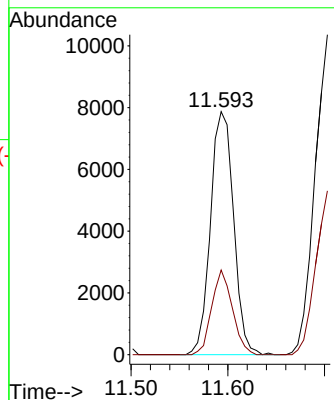
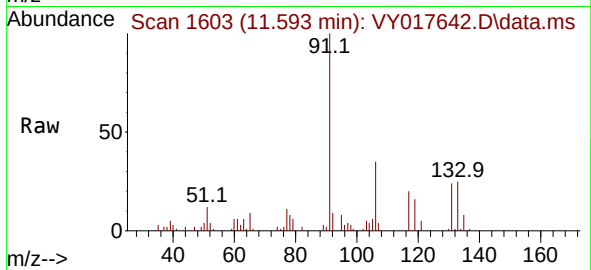




#67
Ethyl Benzene
Concen: 1.733 ug/l
RT: 11.593 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

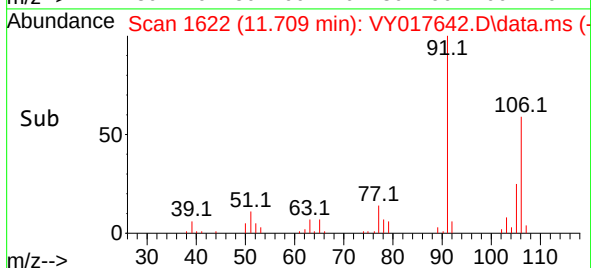
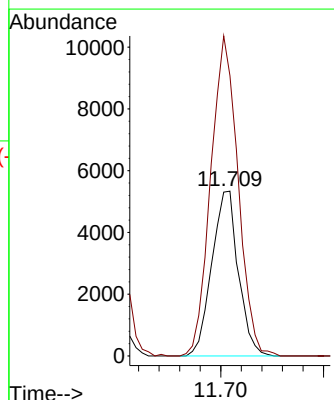
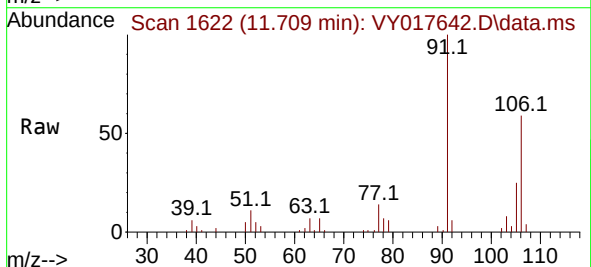
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

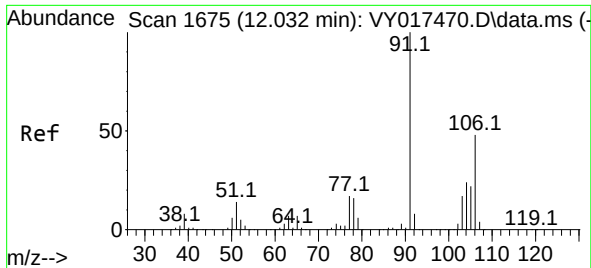
Tgt Ion: 91 Resp: 13084
Ion Ratio Lower Upper
91 100
106 34.8 24.5 36.7



#68
m/p-Xylenes
Concen: 3.224 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion:106 Resp: 9562
Ion Ratio Lower Upper
106 100
91 200.0 156.0 234.0

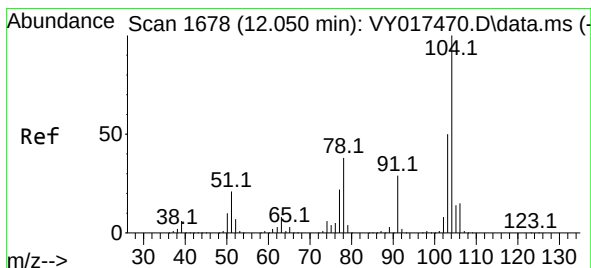
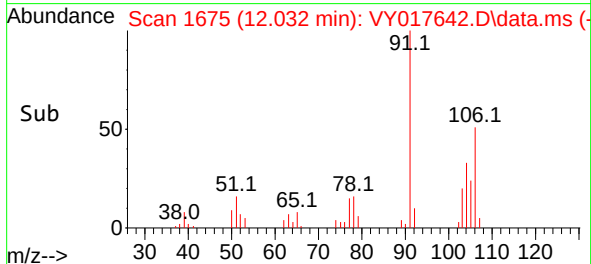
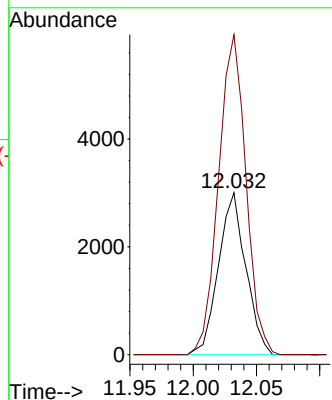
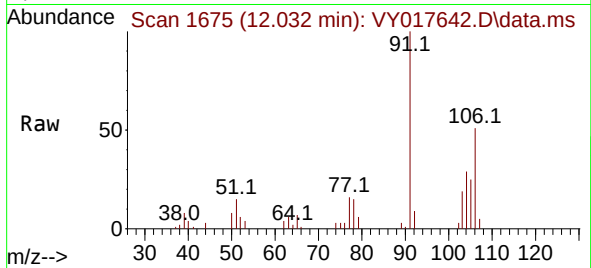




#69
o-Xylene
Concen: 1.641 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

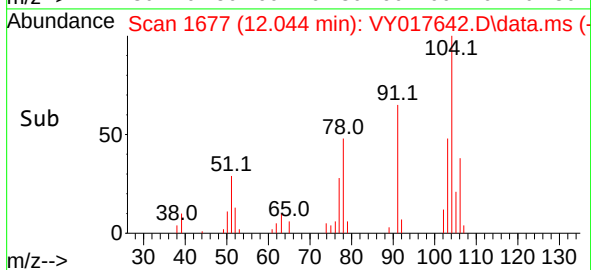
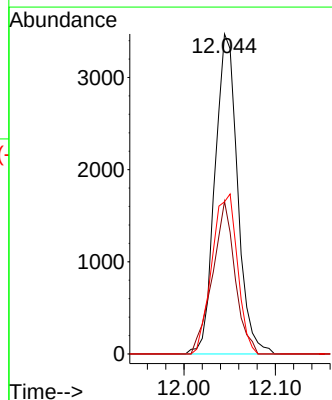
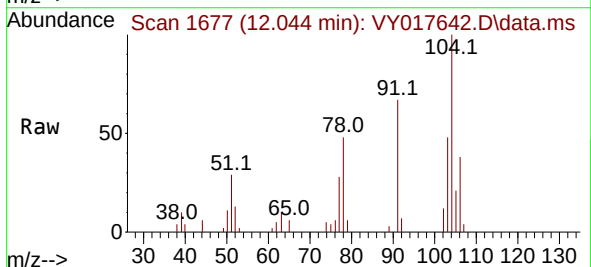
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

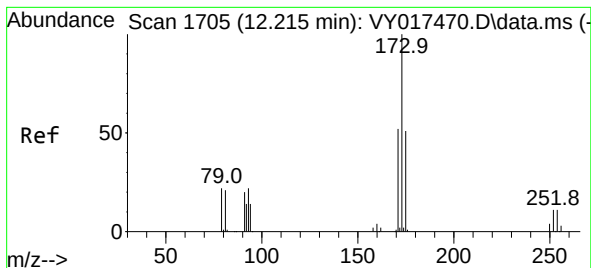
Tgt Ion:106 Resp: 4516
Ion Ratio Lower Upper
106 100
91 197.9 103.6 310.8



#70
Styrene
Concen: 1.309 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion:104 Resp: 5981
Ion Ratio Lower Upper
104 100
78 47.5 37.0 55.4
103 56.2 44.2 66.2





#71

Bromoform

Concen: 1.820 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

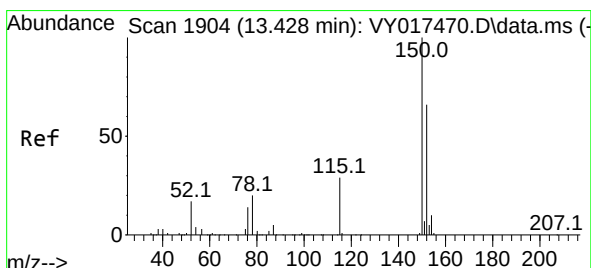
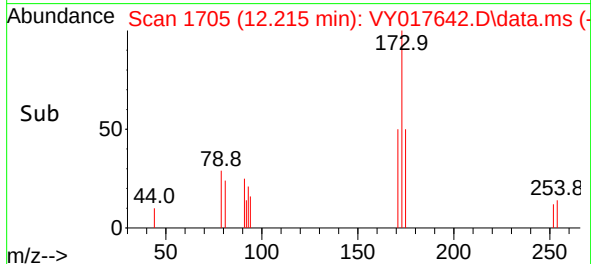
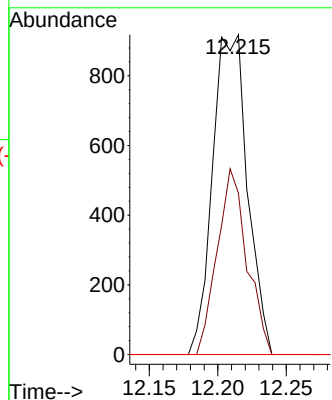
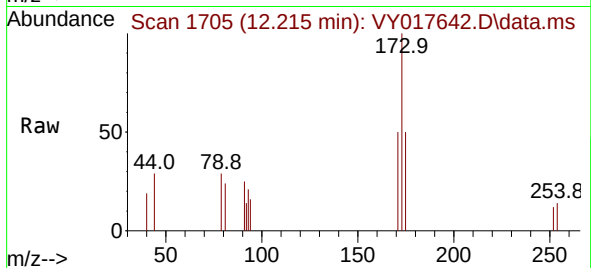
Tgt Ion:173 Resp: 1626

Ion Ratio Lower Upper

173 100

175 49.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

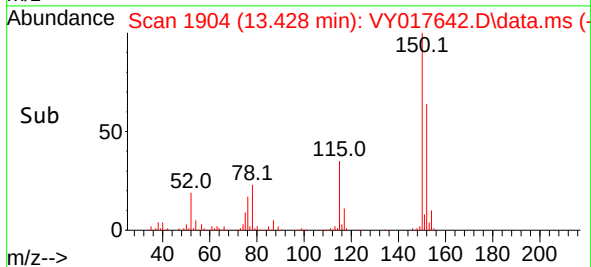
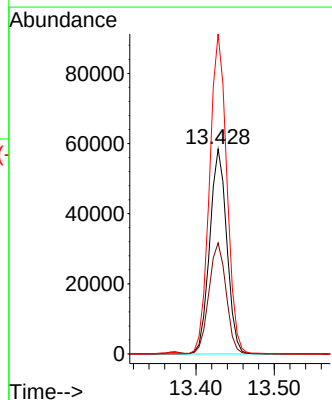
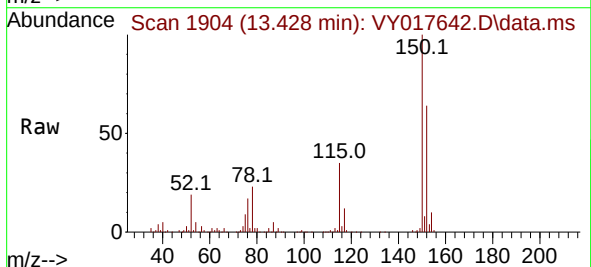
Tgt Ion:152 Resp: 88370

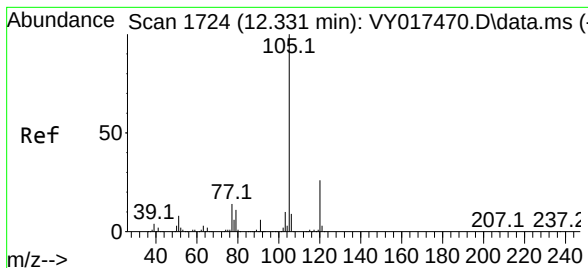
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 158.4 0.0 345.6





#73

Isopropylbenzene

Concen: 1.712 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

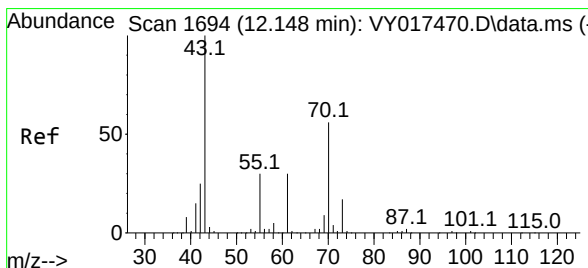
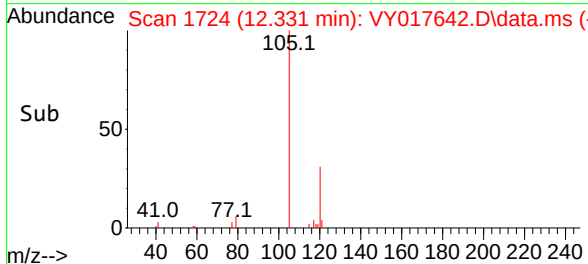
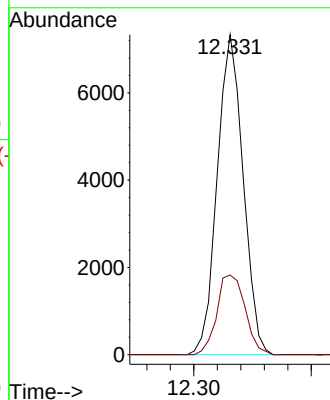
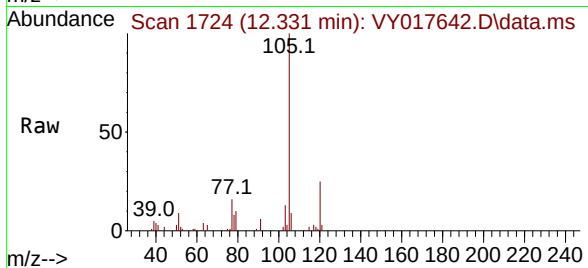
MDL04

Tgt Ion:105 Resp: 11241

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 1.839 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Tgt Ion: 43 Resp: 2130

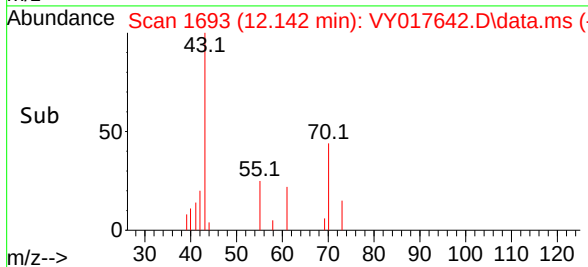
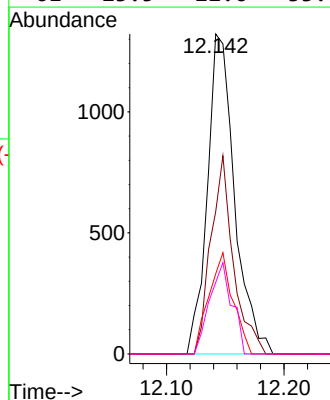
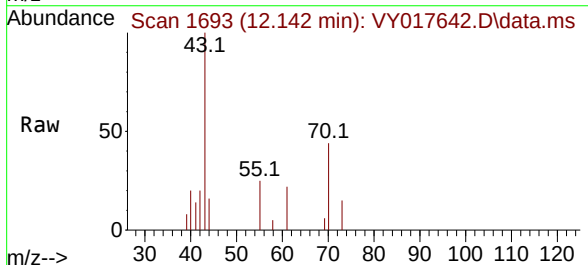
Ion Ratio Lower Upper

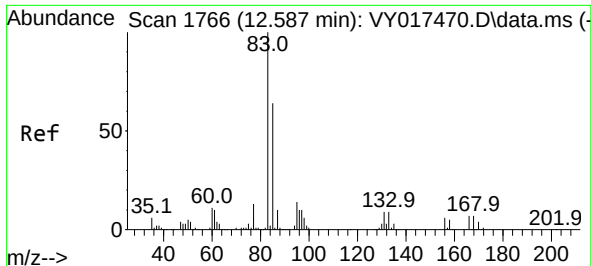
43 100

70 51.1 41.4 62.2

55 28.0 23.3 34.9

61 23.5 22.6 33.8

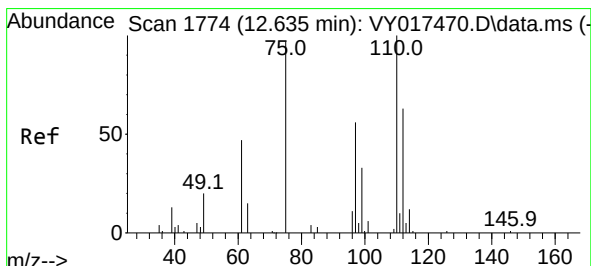
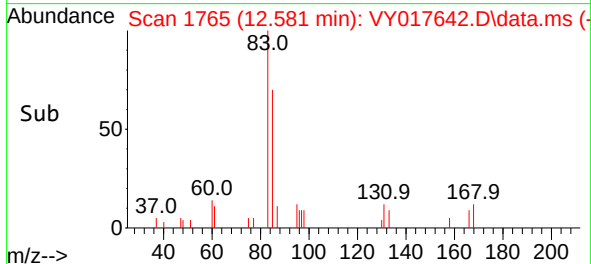
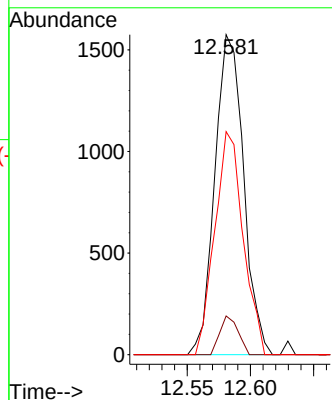
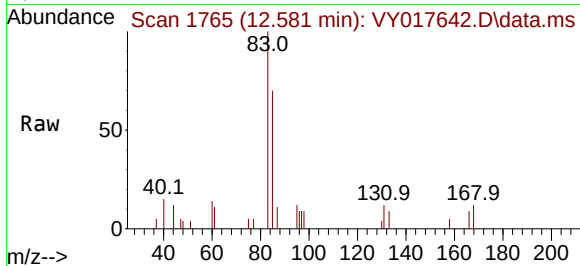




#75
1,1,2,2-Tetrachloroethane
Concen: 2.206 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

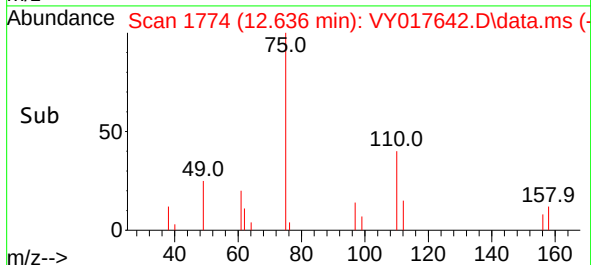
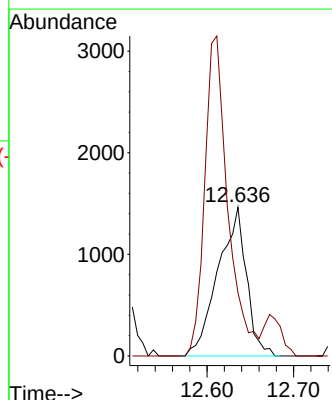
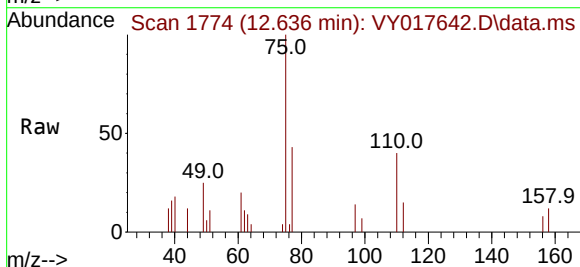
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

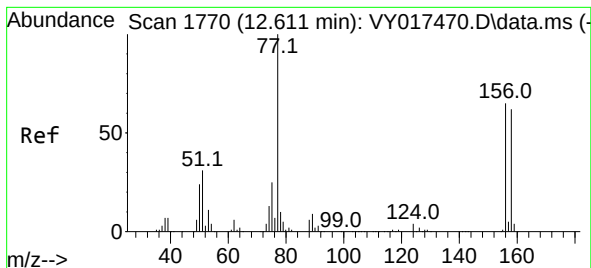
Tgt Ion: 83 Resp: 2487
Ion Ratio Lower Upper
83 100
131 7.6 5.0 14.9
85 68.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 3.973 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 75 Resp: 3336
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.016 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

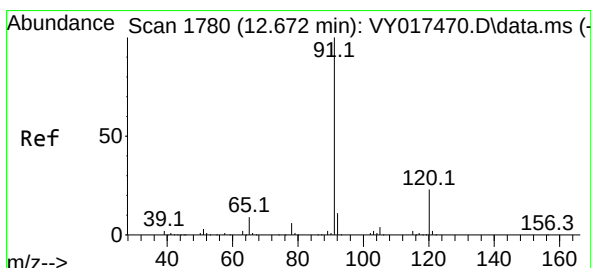
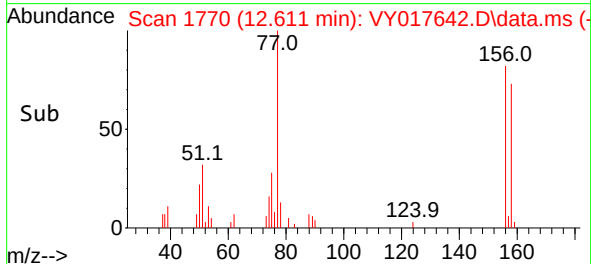
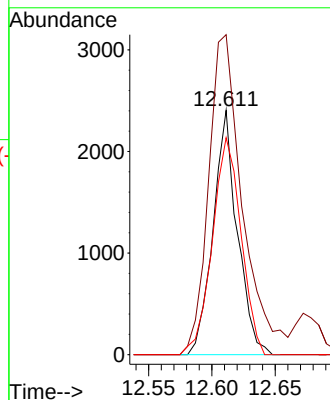
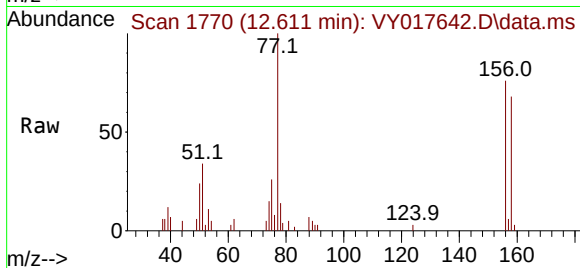
Tgt Ion:156 Resp: 3206

Ion Ratio Lower Upper

156 100

77 182.8 87.1 261.3

158 104.9 48.6 145.9



#78

n-propylbenzene

Concen: 1.899 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017642.D

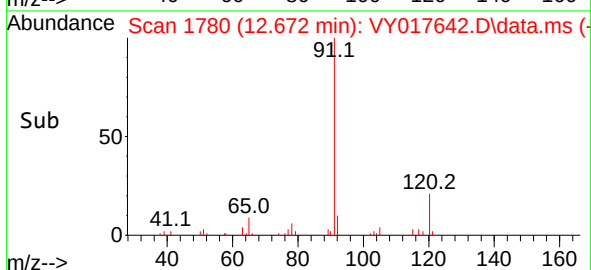
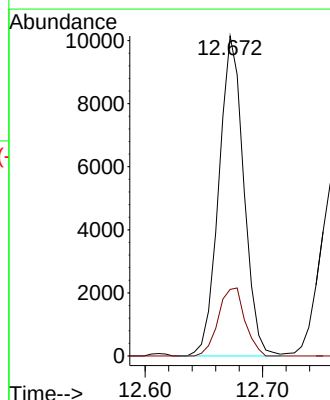
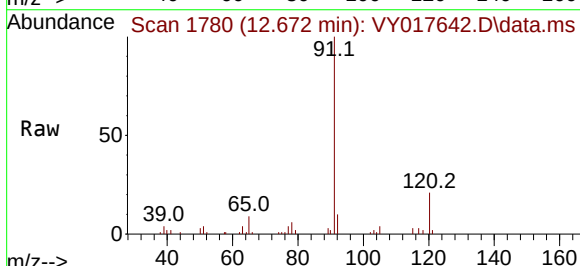
Acq: 12 Mar 2024 15:57

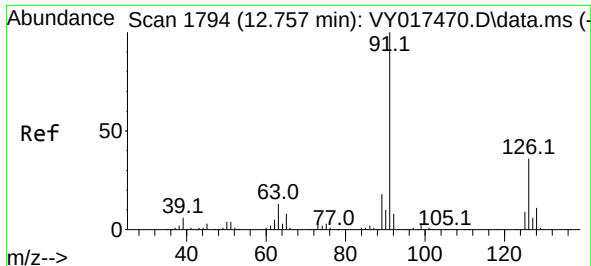
Tgt Ion: 91 Resp: 14956

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

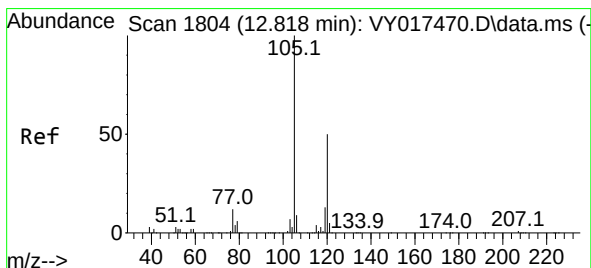
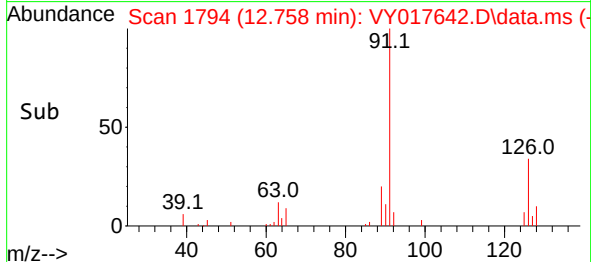
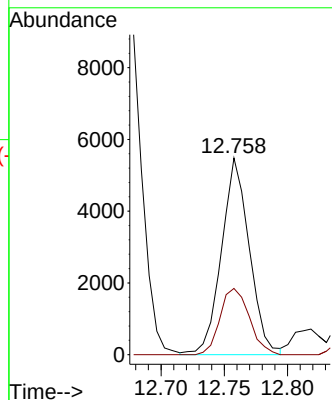
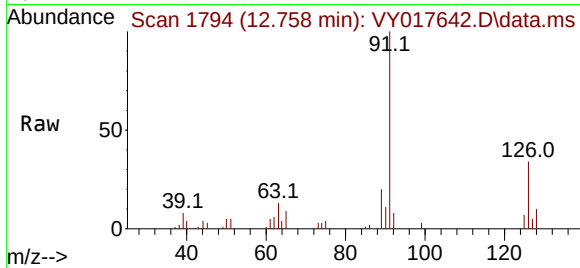




#79
2-Chlorotoluene
Concen: 1.907 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

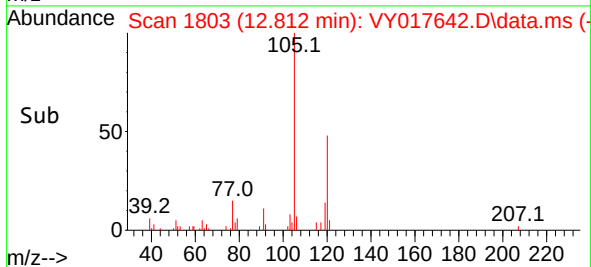
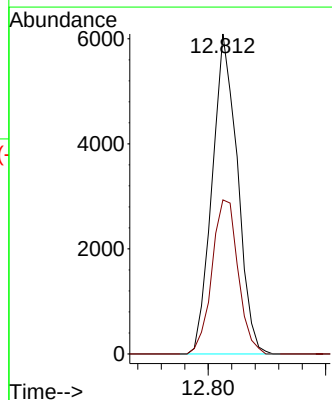
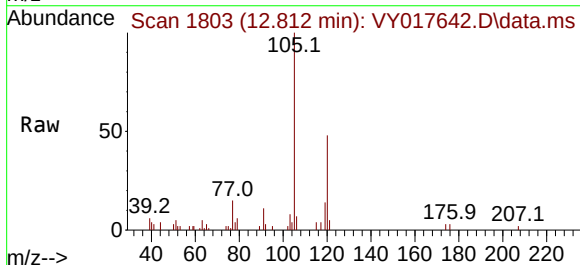
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

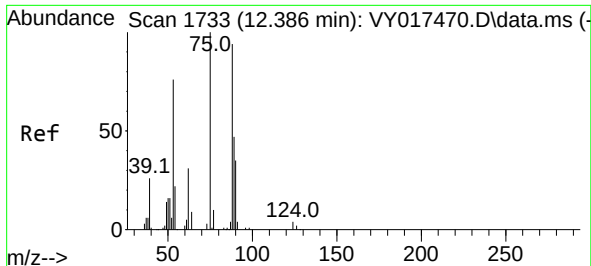
Tgt Ion: 91 Resp: 8409
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 1.727 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 105 Resp: 9083
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

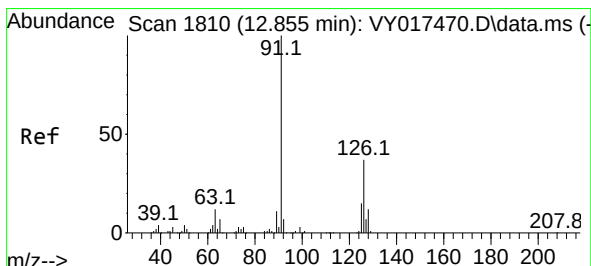
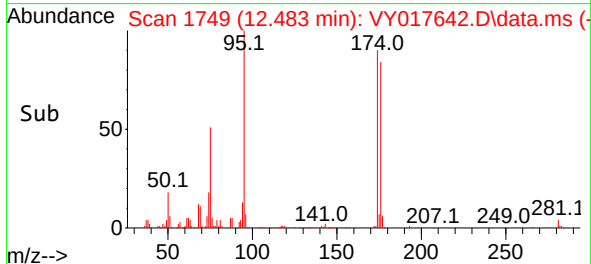
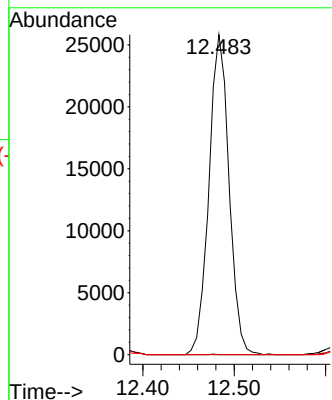
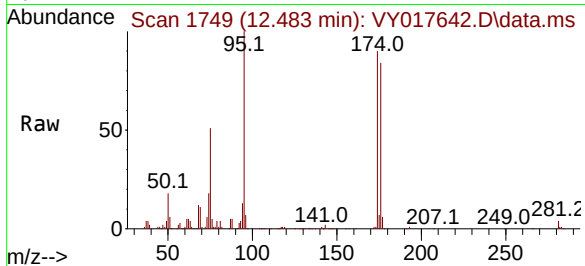




#81
trans-1,4-Dichloro-2-butene
Concen: 107.707 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

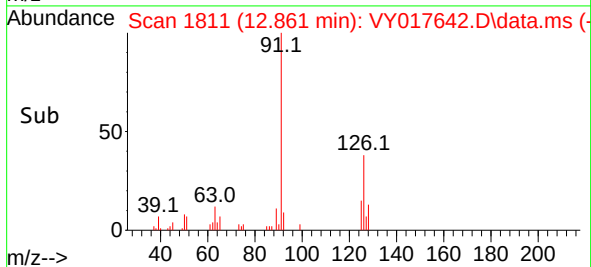
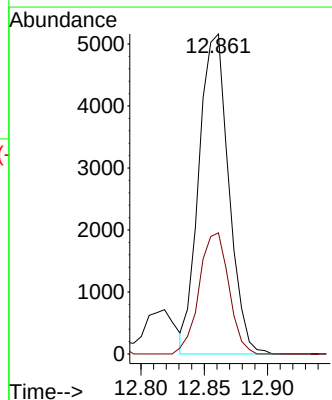
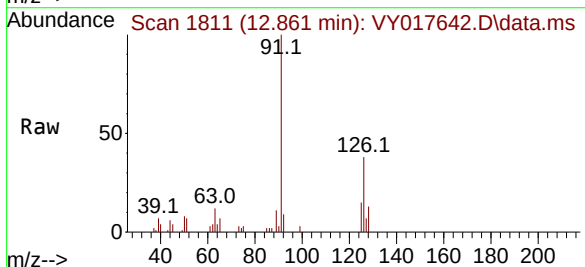
Instrument :
MSVOA_Y
ClientSampleId :
MDL04

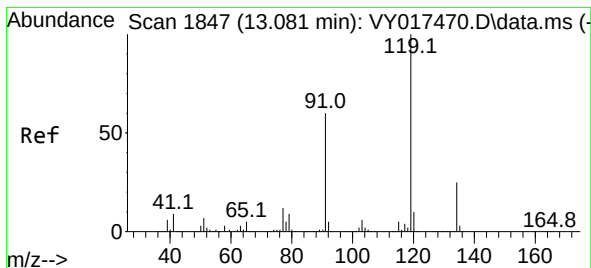
Tgt Ion: 75 Resp: 39358
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.877 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017642.D
Acq: 12 Mar 2024 15:57

Tgt Ion: 91 Resp: 8466
Ion Ratio Lower Upper
91 100
126 37.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 1.800 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

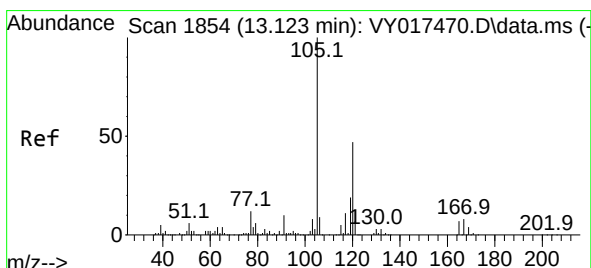
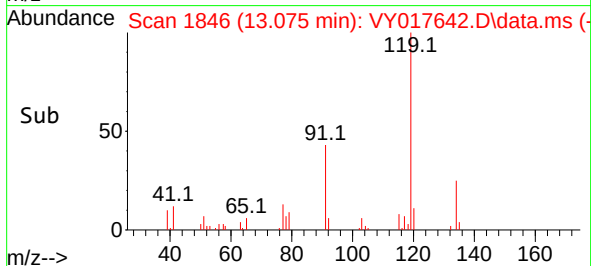
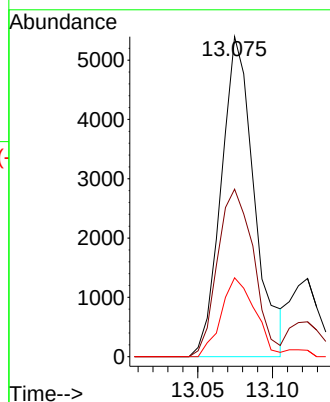
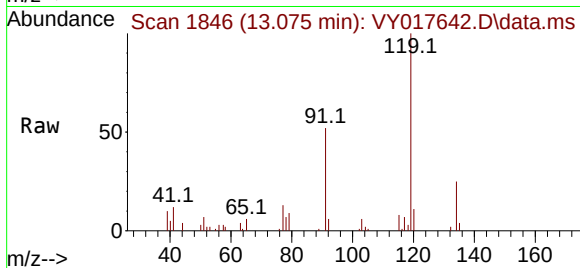
Instrument :

MSVOA_Y

ClientSampleId :

MDL04

Tgt Ion:	119	Resp:	8316
Ion	Ratio	Lower	Upper
119	100		
91	57.2	31.3	93.8
134	25.2	13.4	40.1



#84

1,2,4-Trimethylbenzene

Concen: 1.641 ug/l

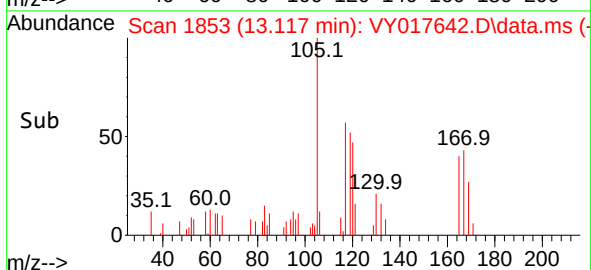
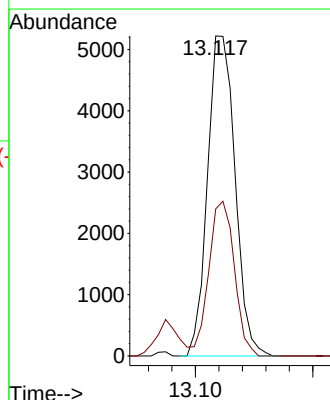
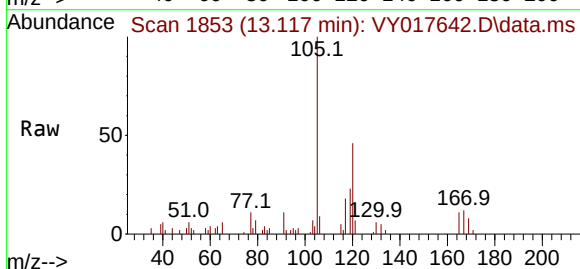
RT: 13.117 min Scan# 1853

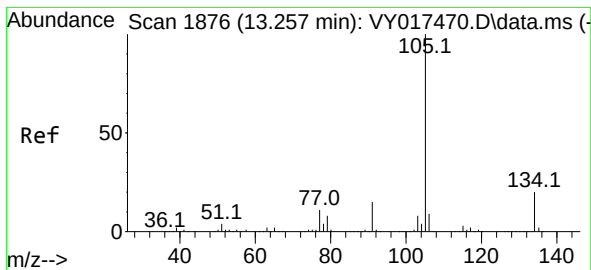
Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Tgt Ion:	105	Resp:	8520
Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.2	69.6





#85

sec-Butylbenzene

Concen: 1.569 ug/l

RT: 13.258 min Scan# 11083

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

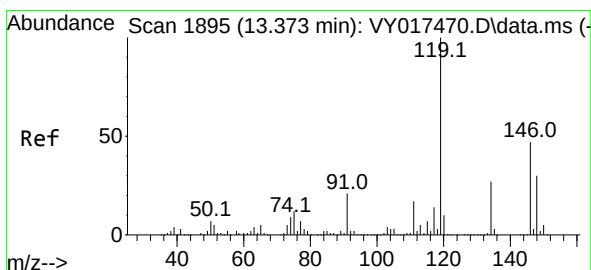
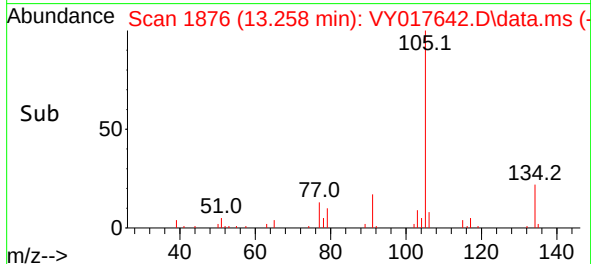
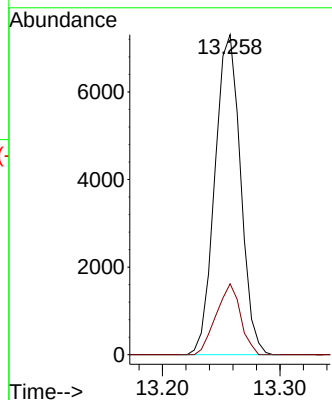
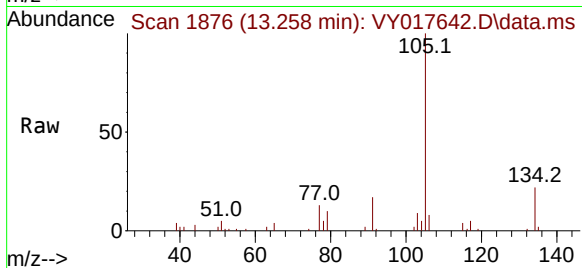
MDL04

Tgt Ion:105 Resp: 11083

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 1.519 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

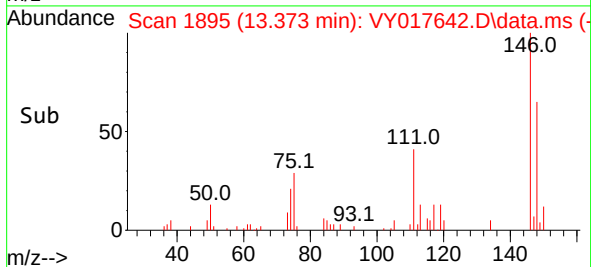
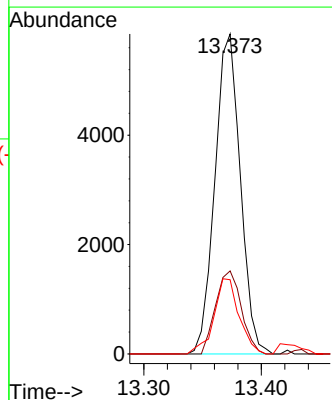
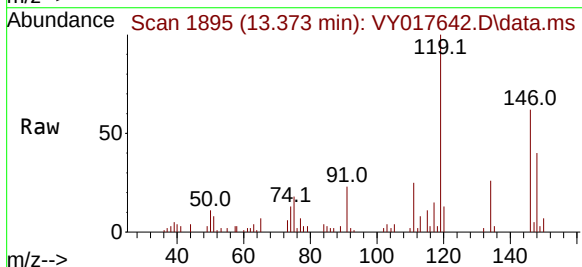
Tgt Ion:119 Resp: 8783

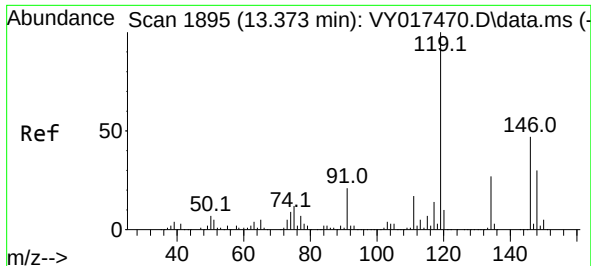
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 1.921 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

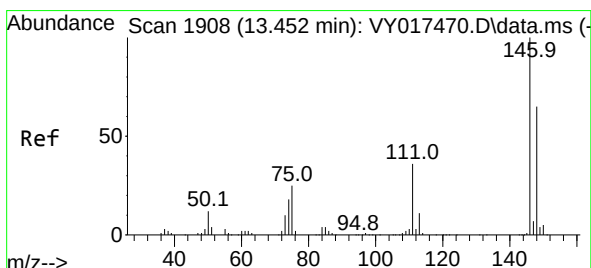
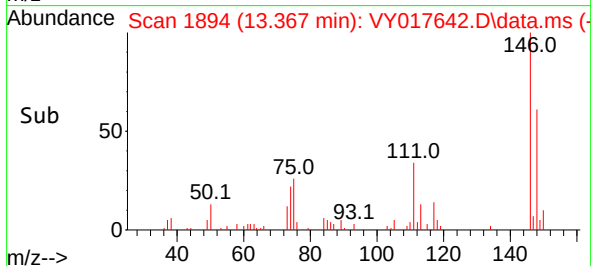
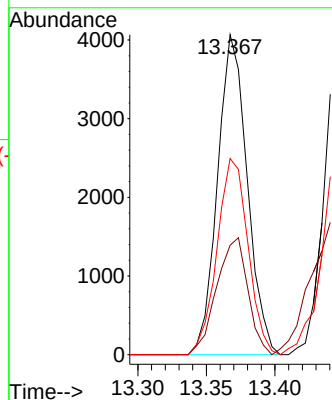
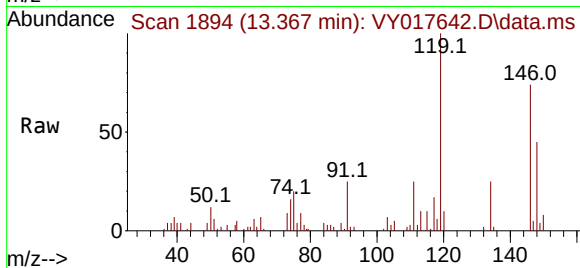
Tgt Ion:146 Resp: 6130

Ion Ratio Lower Upper

146 100

111 38.4 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 1.976 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.085 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

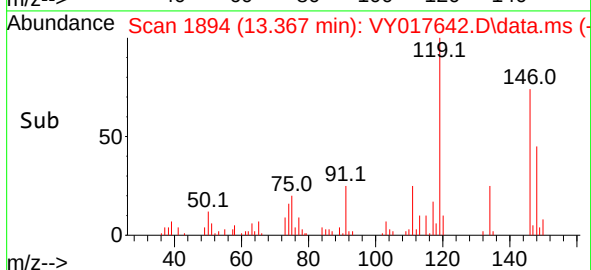
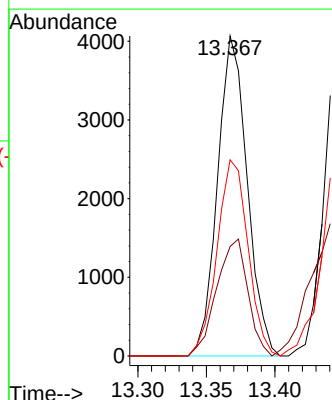
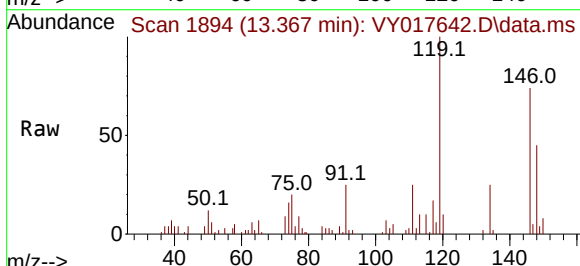
Tgt Ion:146 Resp: 6130

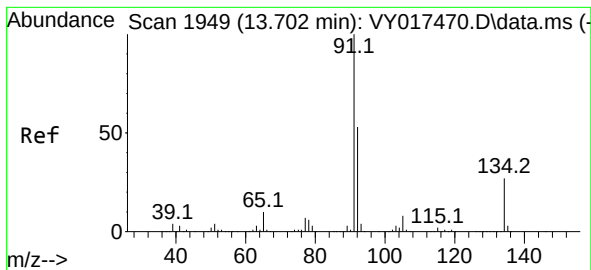
Ion Ratio Lower Upper

146 100

111 38.4 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 1.735 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

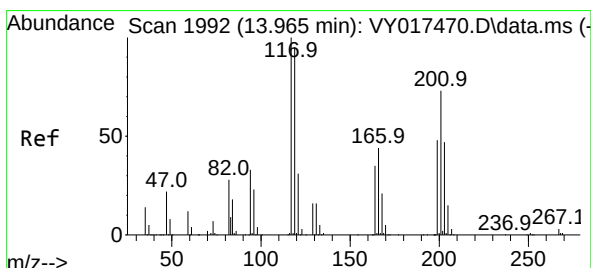
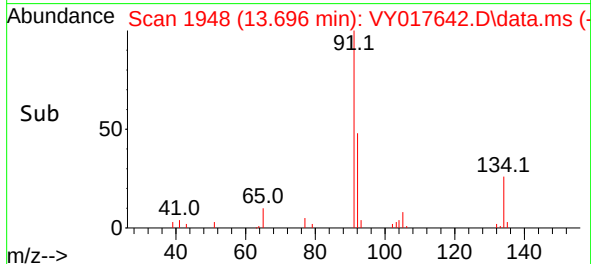
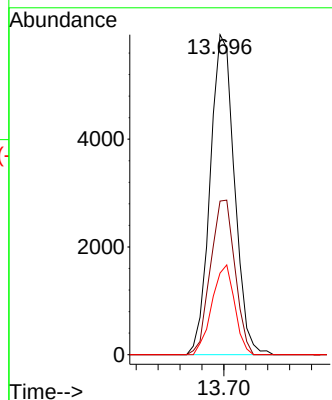
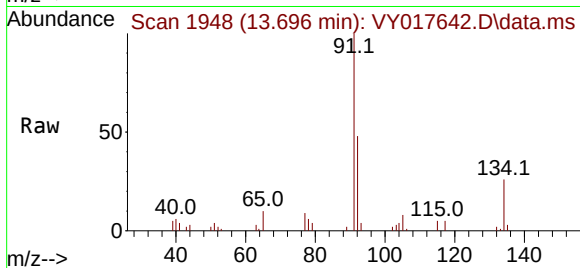
Instrument :

MSVOA_Y

ClientSampleId :

MDL04

Tgt Ion: 91	Resp:	9152
Ion Ratio	Lower	Upper
91	100	
92	48.6	26.6 79.7
134	26.1	12.9 38.7



#90

Hexachloroethane

Concen: 2.113 ug/l

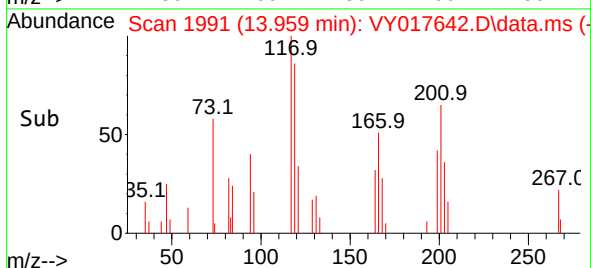
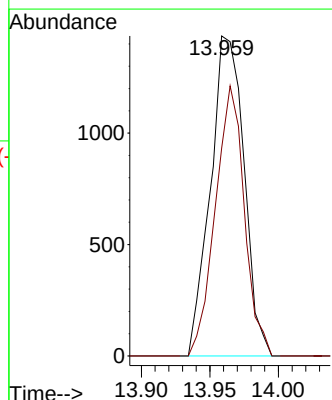
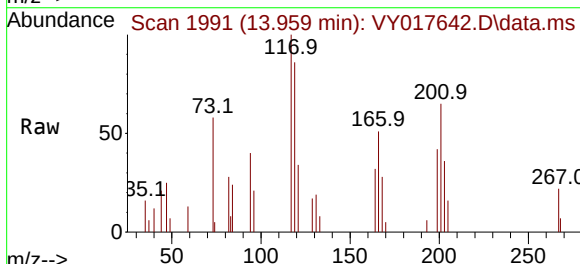
RT: 13.959 min Scan# 1991

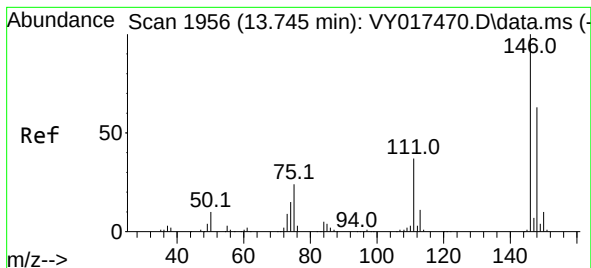
Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Tgt Ion: 117	Resp:	2449
Ion Ratio	Lower	Upper
117	100	
201	73.0	37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 2.093 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

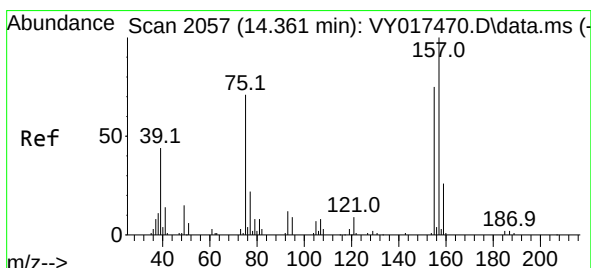
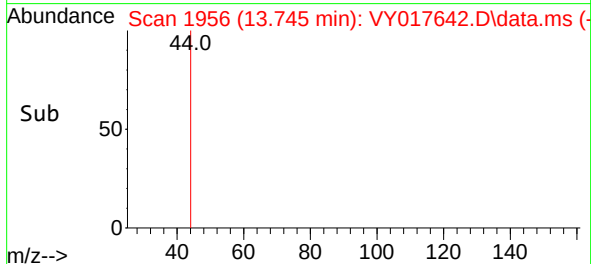
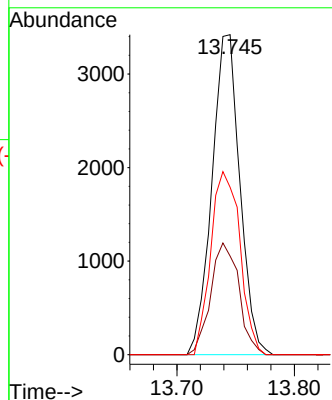
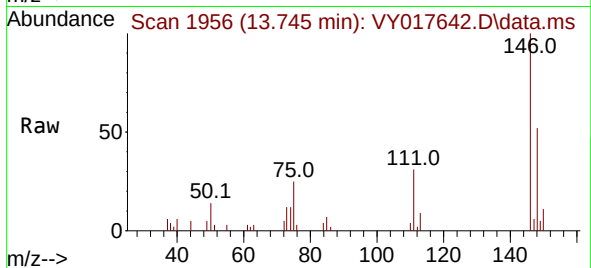
Tgt Ion:146 Resp: 5650

Ion Ratio Lower Upper

146 100

111 35.3 19.9 59.7

148 59.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.328 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

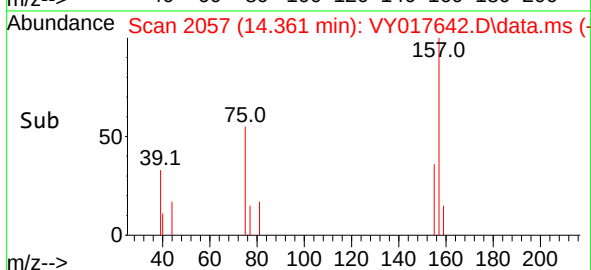
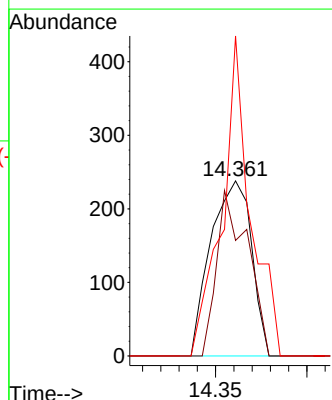
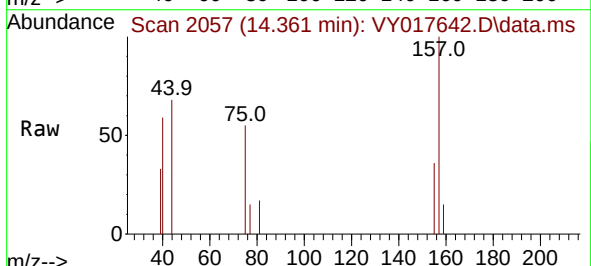
Tgt Ion: 75 Resp: 369

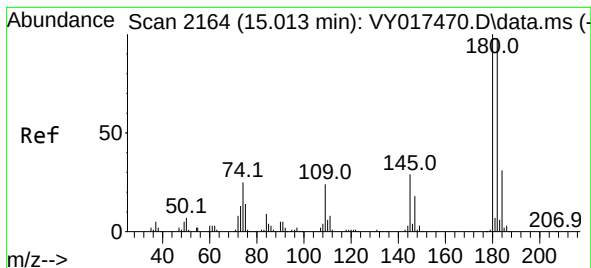
Ion Ratio Lower Upper

75 100

155 71.8 48.6 145.8

157 127.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 1.730 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

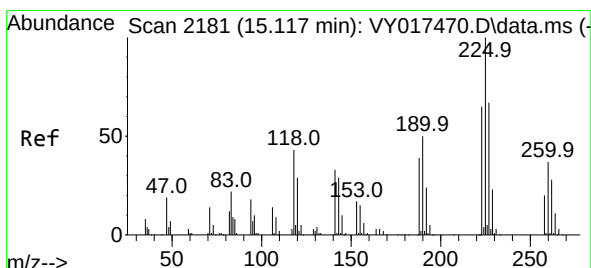
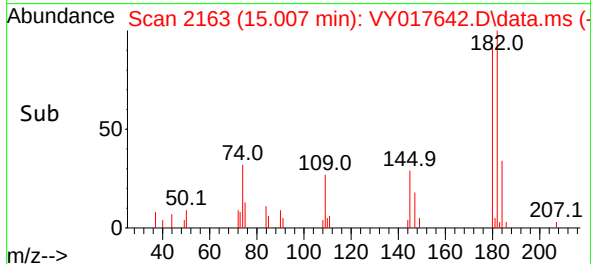
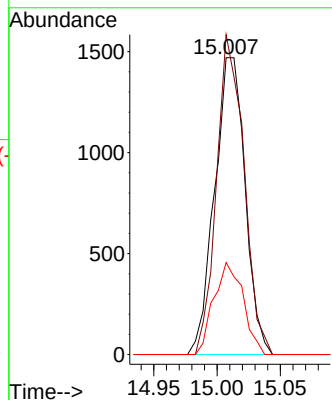
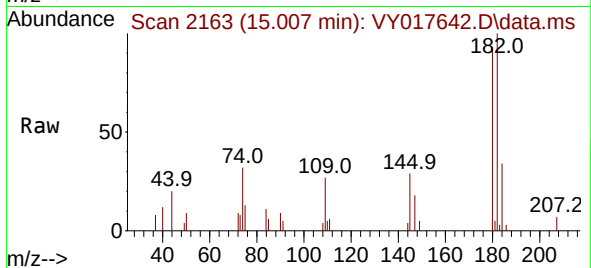
Tgt Ion:180 Resp: 2466

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.8

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 1.978 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

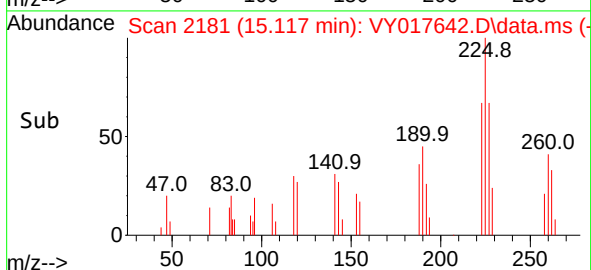
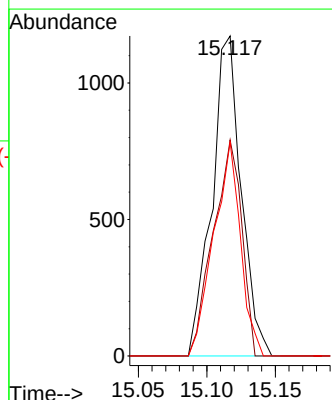
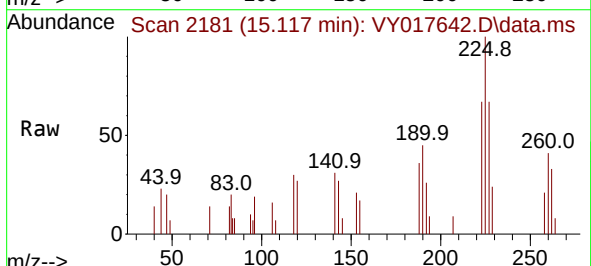
Tgt Ion:225 Resp: 1741

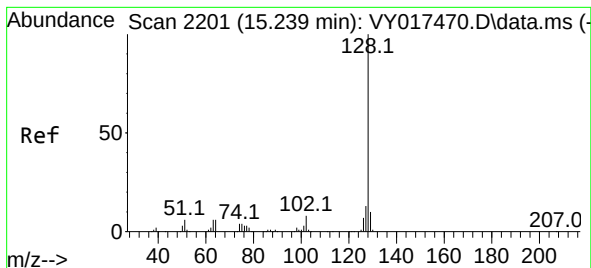
Ion Ratio Lower Upper

225 100

223 65.7 30.4 91.2

227 61.2 31.9 95.9





#95

Naphthalene

Concen: 5.105 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MDL04

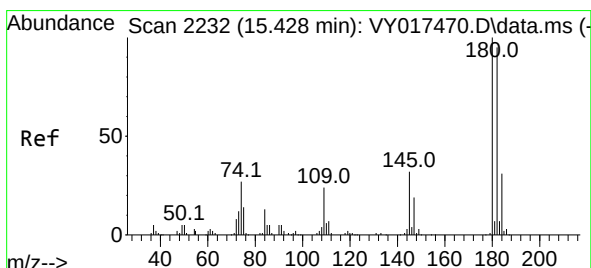
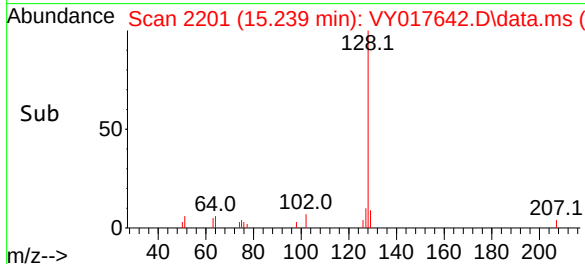
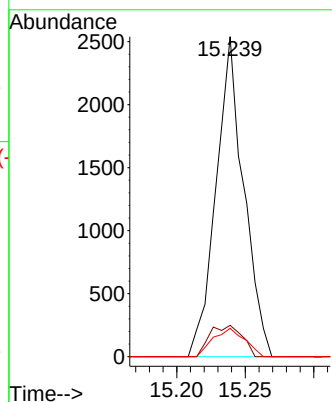
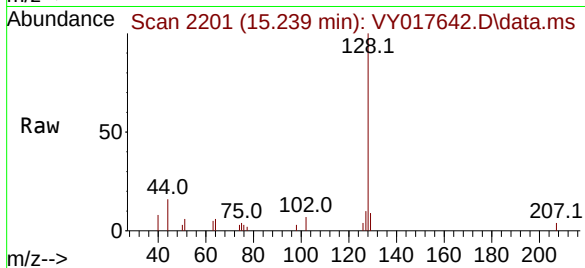
Tgt Ion:128 Resp: 3569

Ion Ratio Lower Upper

128 100

127 11.5 10.6 16.0

129 10.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.722 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017642.D

Acq: 12 Mar 2024 15:57

Tgt Ion:180 Resp: 2106

Ion Ratio Lower Upper

180 100

182 91.4 47.6 142.9

145 28.7 15.4 46.1

